

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
 Data File : BG045985.D
 Acq On : 8 Jul 2020 17:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 7/10/2020 11:45:50 AM

Quant Time: Jul 08 18:41:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	177543	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	710147	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	418098	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	833080	20.00	ng	0.00
76) Chrysene-d12	21.63	240	727095	20.00	ng	0.00
86) Perylene-d12	24.78	264	771645	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	813180	74.28	ng	0.00
7) Phenol-d6	7.16	99	1199443	76.10	ng	0.00
23) Nitrobenzene-d5	9.16	82	1067413	86.51	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	297342	76.63	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1945706	72.59	ng	0.00
79) Terphenyl-d14	19.99	244	2346212	71.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	195106	38.627	ng	99
3) Pyridine	3.90	79	591945	38.758	ng	99
4) n-Nitrosodimethylamine	3.82	42	217534	42.122	ng	# 94
6) Aniline	7.33	93	763562	37.868	ng	99
8) 2-Chlorophenol	7.57	128	442200	37.521	ng	98
9) Benzaldehyde	7.14	77	367689	36.818	ng	96
10) Phenol	7.19	94	601324	38.031	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	499406	38.196	ng	100
12) 1,3-Dichlorobenzene	7.90	146	507183	37.336	ng	99
13) 1,4-Dichlorobenzene	8.05	146	499351	37.367	ng	99
14) 1,2-Dichlorobenzene	8.36	146	474562	36.898	ng	98
15) Benzyl Alcohol	8.24	79	466227	37.724	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	664558	38.957	ng	98
17) 2-Methylphenol	8.44	107	447145	37.689	ng	97
18) Hexachloroethane	9.10	117	194008	37.731	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	426265	38.496	ng	98
20) 3+4-Methylphenols	8.77	107	613228	37.925	ng	99
22) Acetophenone	8.82	105	685480	36.132	ng	# 97
24) Nitrobenzene	9.20	77	585567	43.000	ng	99
25) Isophorone	9.73	82	1124955	37.349	ng	99
26) 2-Nitrophenol	9.91	139	213273	48.049	ng	97
27) 2,4-Dimethylphenol	9.97	122	390657	36.439	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	640589	37.874	ng	100
29) 2,4-Dichlorophenol	10.45	162	411686	37.095	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	450381	36.625	ng	100
31) Naphthalene	10.85	128	1384641	36.371	ng	99
32) Benzoic acid	10.12	122	278534	43.280	ng	95
33) 4-Chloroaniline	10.95	127	620138	36.453	ng	98
34) Hexachlorobutadiene	11.15	225	257824	35.909	ng	99
35) Caprolactam	11.72	113	151376	35.925	ng	93
36) 4-Chloro-3-methylphenol	12.08	107	472249	37.360	ng	98
37) 2-Methylnaphthalene	12.46	142	1003565	37.084	ng	99
38) 1-Methylnaphthalene	12.68	142	941670	36.871	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	435408	36.943	ng	99

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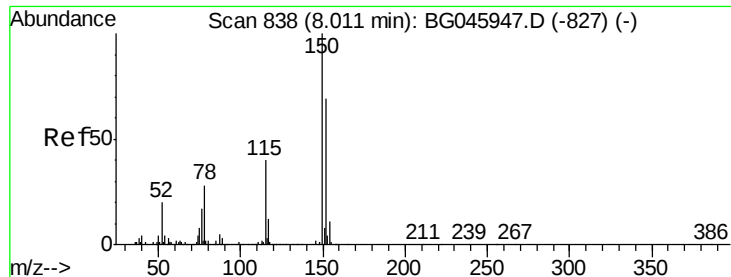
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	251502	35.963	nq	97
43) 2,4,6-Trichlorophenol	13.06	196	312806	39.244	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	350729	38.917	nq	99
46) 1,1'-Biphenyl	13.47	154	1163528	36.994	nq	98
47) 2-Chloronaphthalene	13.51	162	912669	36.778	nq	99
48) 2-Nitroaniline	13.70	65	328185	47.232	nq	98
49) Acenaphthylene	14.35	152	1449530	36.203	nq	99
50) Dimethylphthalate	14.09	163	1124537	35.839	nq	99
51) 2,6-Dinitrotoluene	14.20	165	245462	44.032	nq	96
52) Acenaphthene	14.70	154	939751	37.211	nq	96
53) 3-Nitroaniline	14.52	138	294963	43.155	nq	# 91
54) 2,4-Dinitrophenol	14.72	184	88513	45.050	nq	91
55) Dibenzofuran	15.03	168	1327613	35.862	nq	99
56) 4-Nitrophenol	14.82	139	225209	44.055	nq	96
57) 2,4-Dinitrotoluene	14.98	165	329128	45.889	nq	94
58) Fluorene	15.68	166	1079068	35.532	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	272850m	39.213	nq	
60) Diethylphthalate	15.45	149	1174282	35.686	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	542151	35.884	nq	97
62) 4-Nitroaniline	15.69	138	291375	44.930	nq	94
63) Azobenzene	15.96	77	1301491	36.850	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	129583	45.575	nq	95
66) n-Nitrosodiphenylamine	15.88	169	963964	37.340	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	349873	37.603	nq	95
68) Hexachlorobenzene	16.69	284	348762	37.354	nq	98
69) Atrazine	16.83	200	281444	36.874	nq	97
70) Pentachlorophenol	17.02	266	211752	40.792	nq	99
71) Phenanthrene	17.42	178	1620541	36.795	nq	98
72) Anthracene	17.50	178	1621938	36.288	nq	99
73) Carbazole	17.77	167	1626283	36.300	nq	100
74) Di-n-butylphthalate	18.35	149	1936495	35.770	nq	100
75) Fluoranthene	19.42	202	1843385	36.206	nq	99
77) Benzidine	19.59	184	699852	33.664	nq	98
78) Pyrene	19.78	202	1850403	37.283	nq	99
80) Butylbenzylphthalate	20.68	149	924558	39.420	nq	97
81) Benzo(a)anthracene	21.62	228	1763207	36.880	nq	100
82) 3,3'-Dichlorobenzidine	21.53	252	656036	37.135	nq	99
83) Chrysene	21.68	228	1684689	36.989	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1279680	37.588	nq	99
85) Di-n-octyl phthalate	22.75	149	2223762	37.639	nq	99
87) Indeno(1,2,3-cd)pyrene	28.37	276	2160866	38.278	nq	100
88) Benzo(b)fluoranthene	23.79	252	1857130	37.913	nq	98
89) Benzo(k)fluoranthene	23.86	252	1783419	38.504	nq	99
90) Benzo(a)pyrene	24.64	252	1756883	38.142	nq	98
91) Dibenzo(a,h)anthracene	28.45	278	1710042	37.557	nq	100
92) Benzo(g,h,i)perylene	29.49	276	1726645	37.683	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

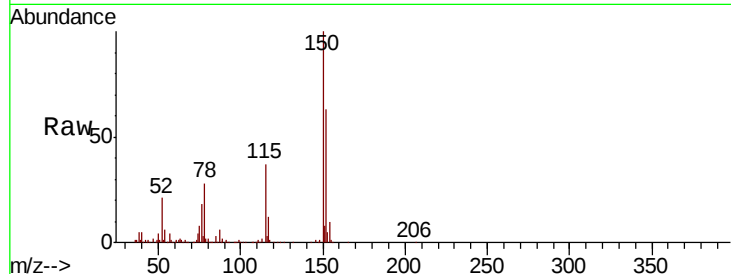
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	116.7	175.1
115	59.1	47.4	71.0

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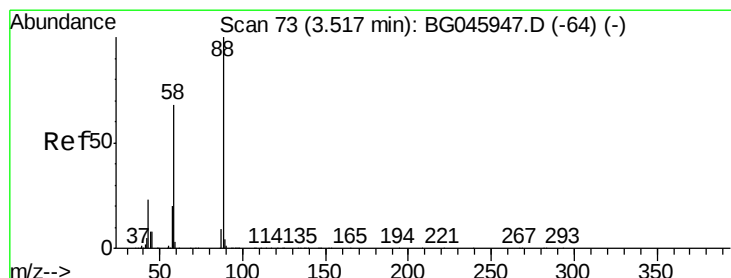
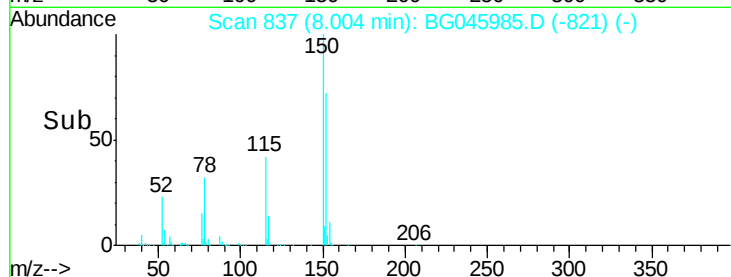
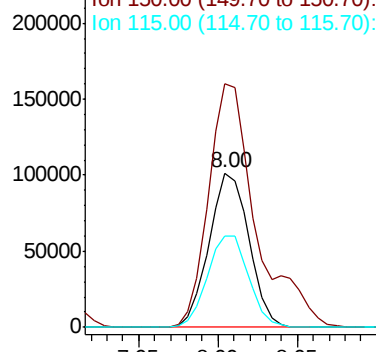


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

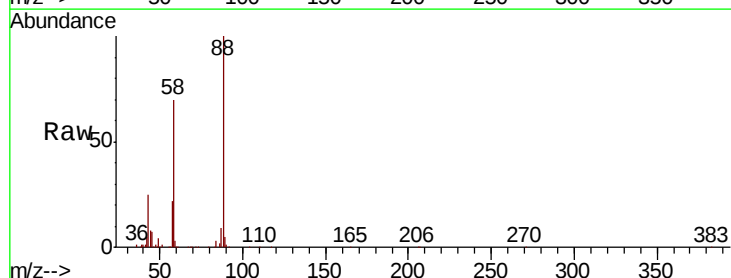
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.627 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.2	82.8
43	24.1	19.4	29.0

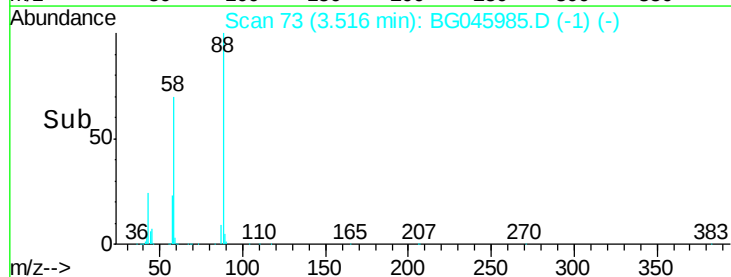
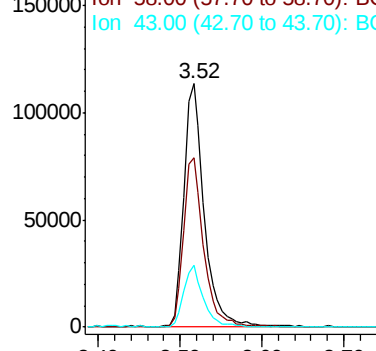


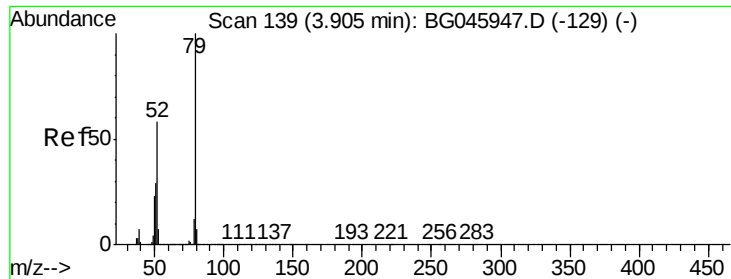
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.758 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

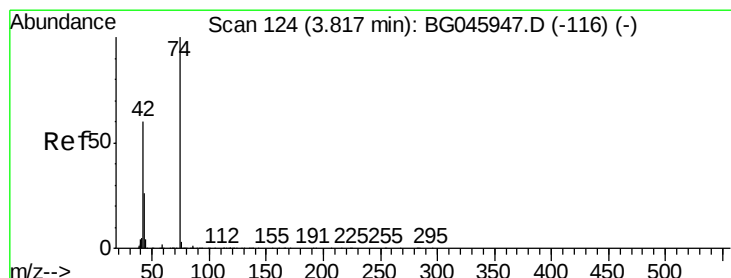
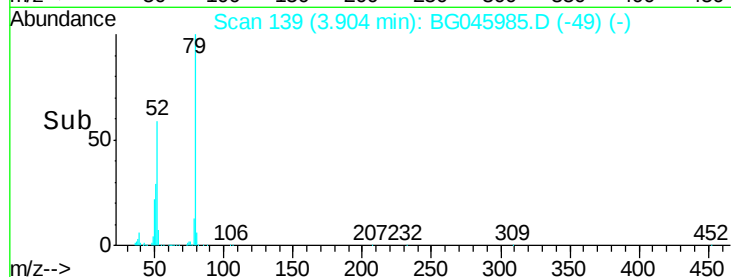
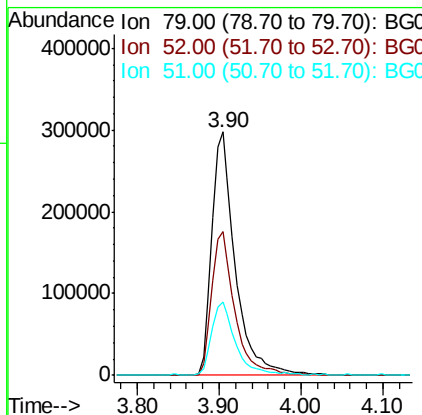
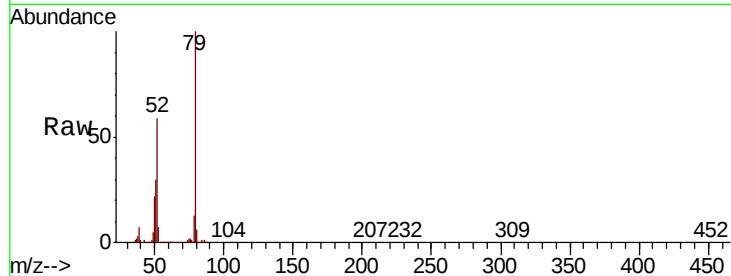
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	591945
Ion Ratio	Lower	Upper	
79	100		
52	59.2	46.5	69.7
51	30.0	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 42.122 ng

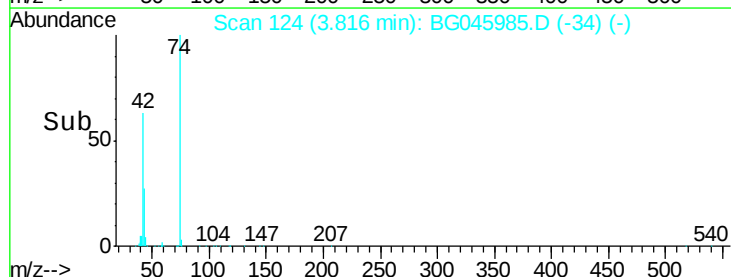
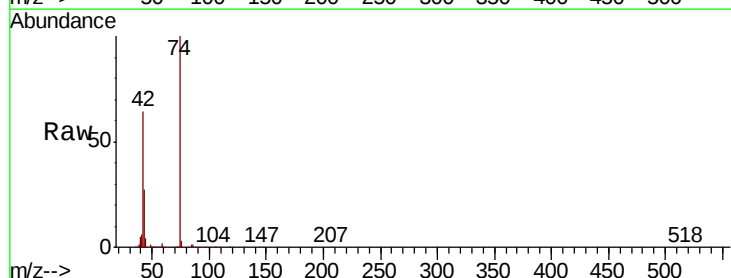
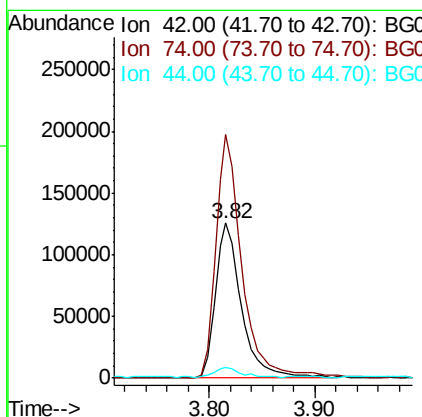
RT: 3.82 min Scan# 124

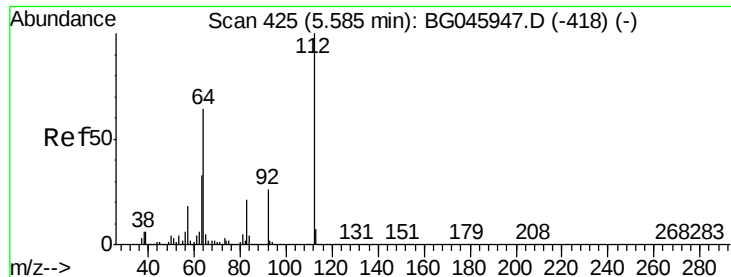
Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion:	42	Resp:	217534
Ion Ratio	Lower	Upper	
42	100		
74	157.1	131.9	197.9
44	7.0	7.7	11.5





#5

2-Fluorophenol

Concen: 74.275 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

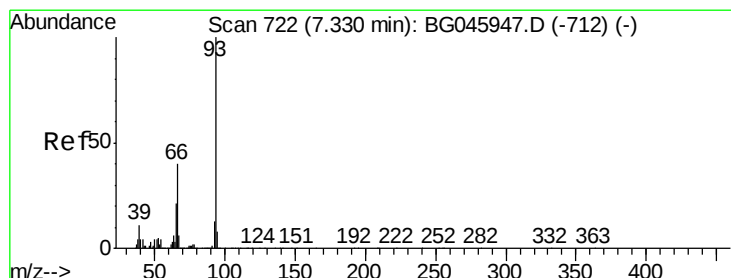
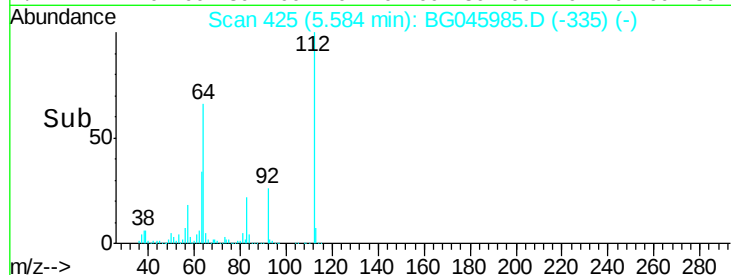
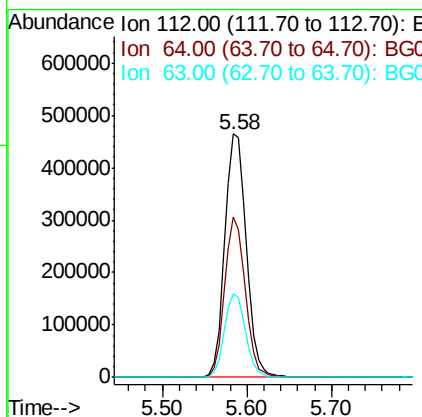
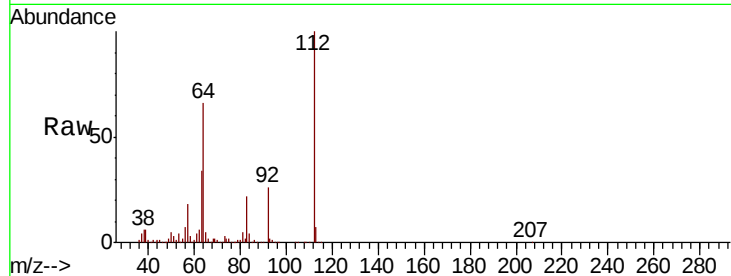
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	813180
Ion Ratio	Lower	Upper	
112	100		
64	66.1	51.4	77.2
63	34.4	26.6	40.0

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#6

Aniline

Concen: 37.868 ng

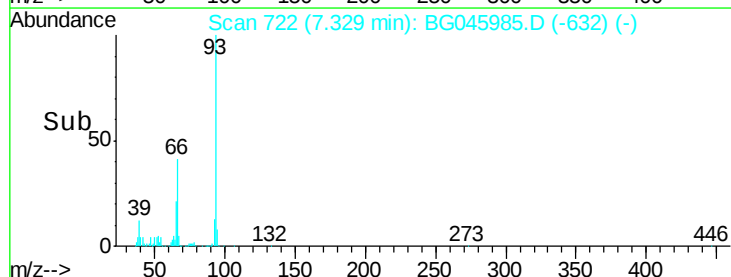
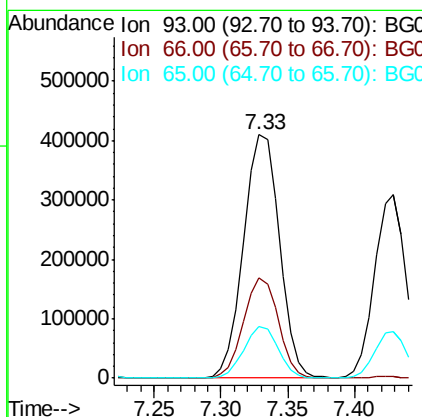
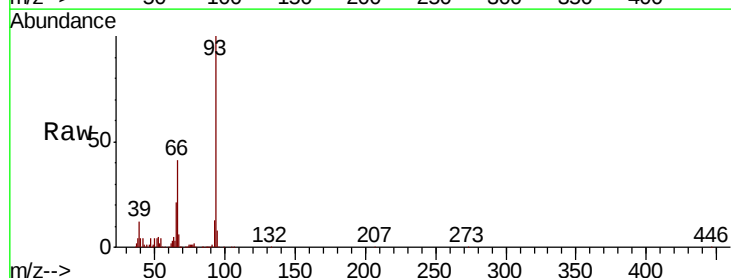
RT: 7.33 min Scan# 722

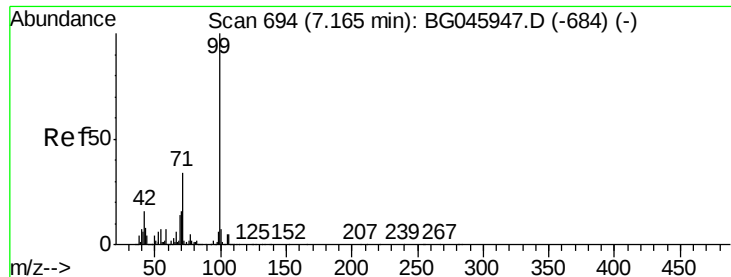
Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion:	93	Resp:	763562
Ion Ratio	Lower	Upper	
93	100		
66	41.0	32.3	48.5
65	21.3	16.6	25.0





#7

Phenol-d6

Concen: 76.096 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1199443

Ion Ratio Lower Upper

99 100

42 17.0 13.0 19.4

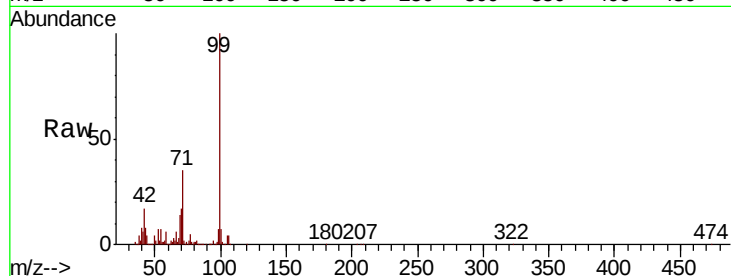
71 34.7 27.5 41.3

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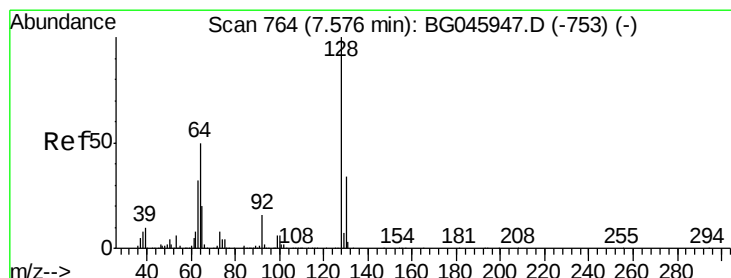
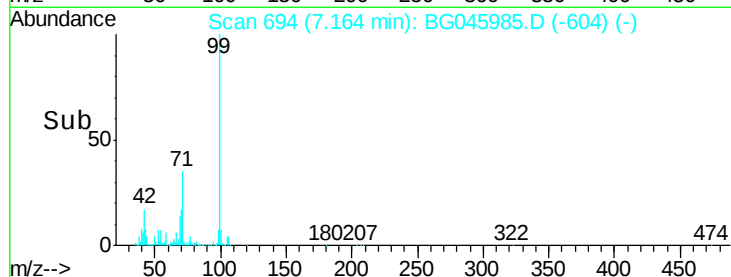
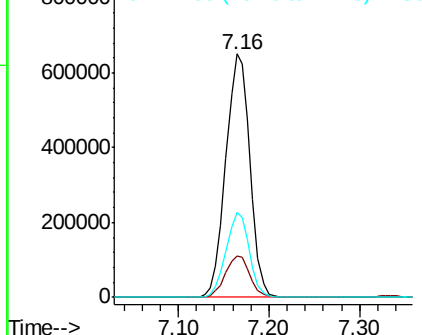
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.521 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

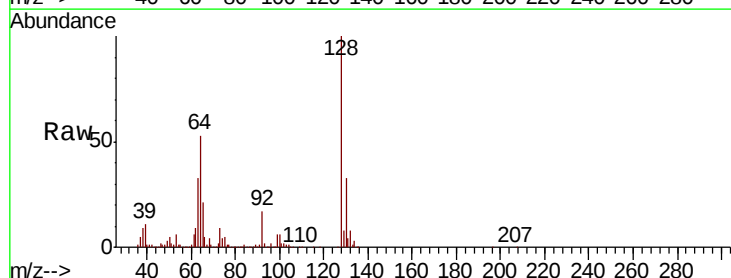
Tgt Ion: 128 Resp: 442200

Ion Ratio Lower Upper

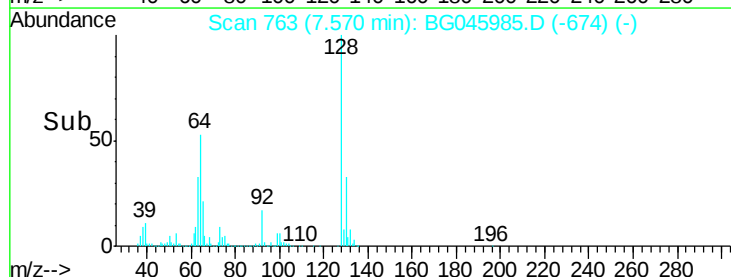
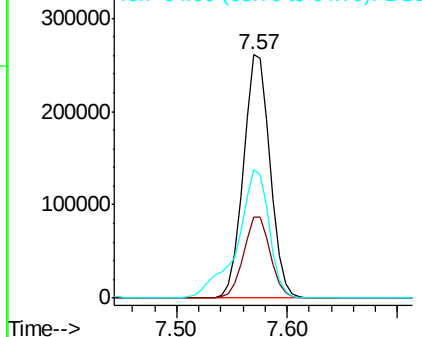
128 100

130 33.4 13.6 53.6

64 52.9 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.818 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

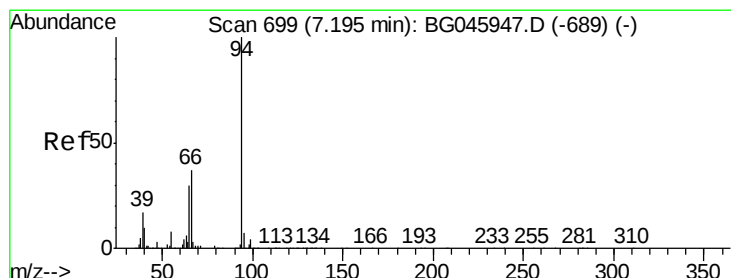
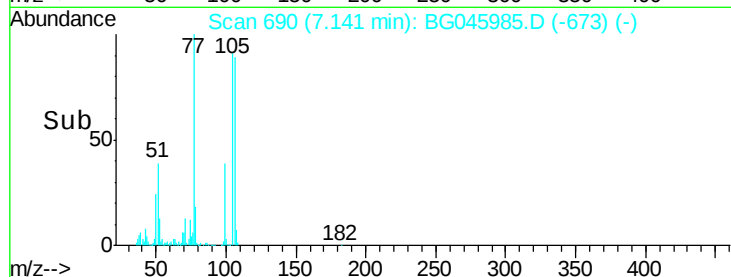
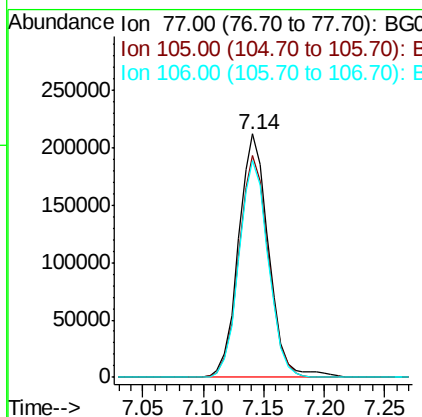
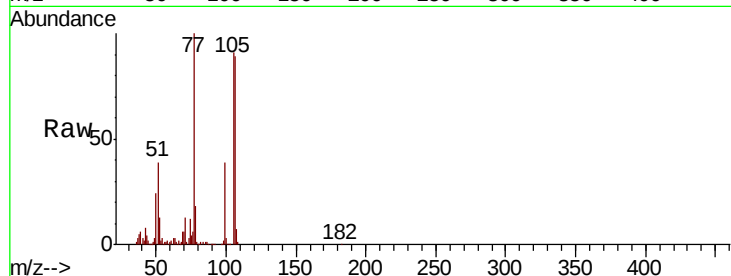
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	367689
Ion	Ratio	Lower	Upper
77	100		
105	91.1	66.0	106.0
106	89.1	67.7	107.7

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#10

Phenol

Concen: 38.031 ng

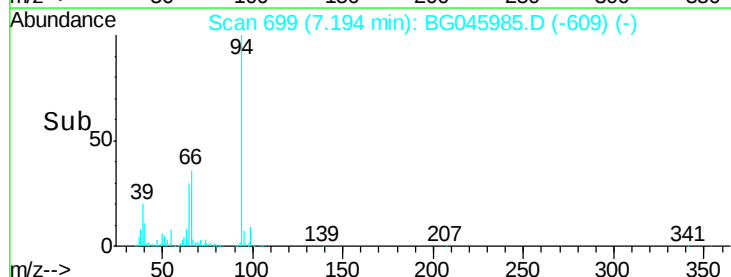
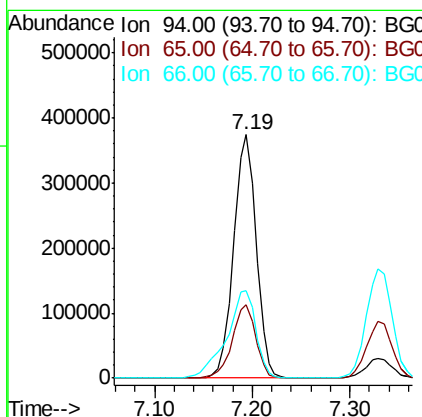
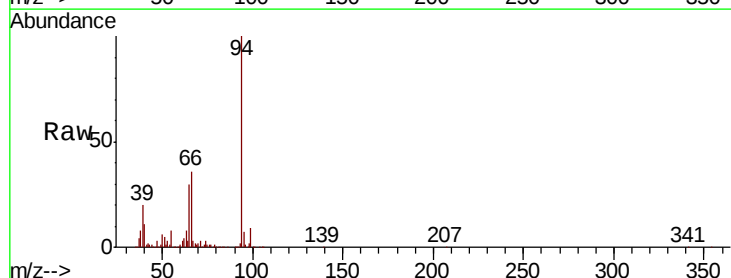
RT: 7.19 min Scan# 699

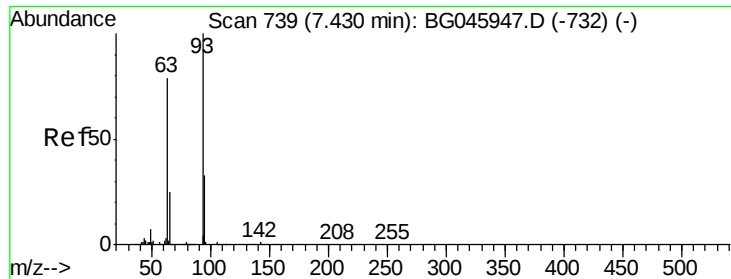
Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion:	94	Resp:	601324
Ion	Ratio	Lower	Upper
94	100		
65	30.2	10.6	50.6
66	35.9	17.1	57.1





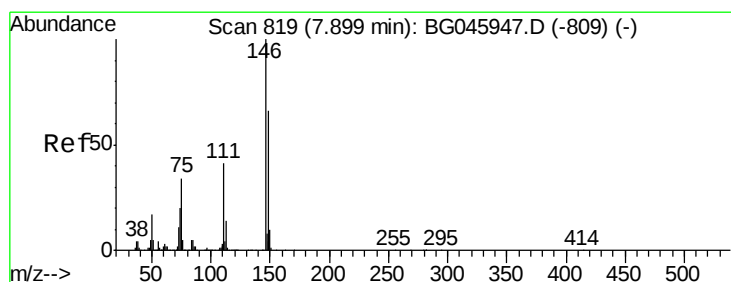
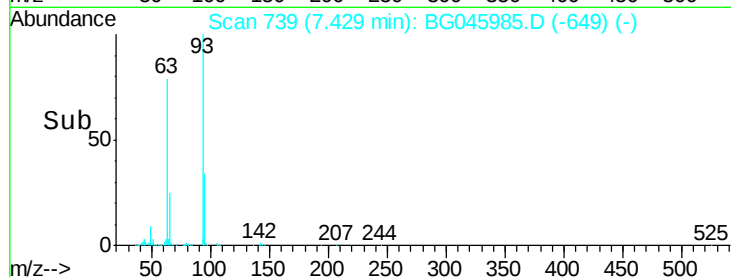
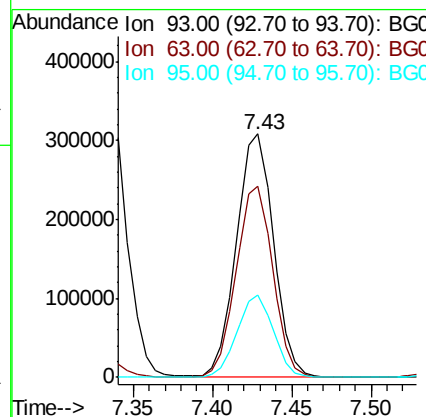
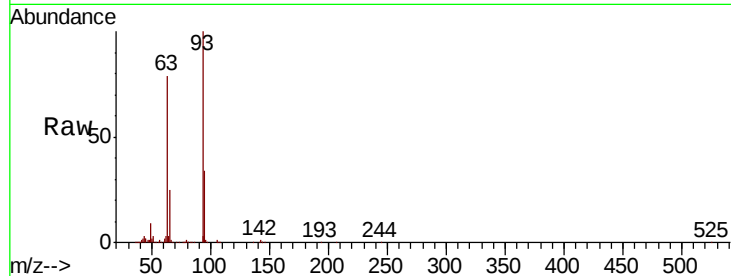
#11
bis(2-Chloroethyl)ether
Concen: 38.196 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	58.6	98.6
95	33.7	13.3	53.3

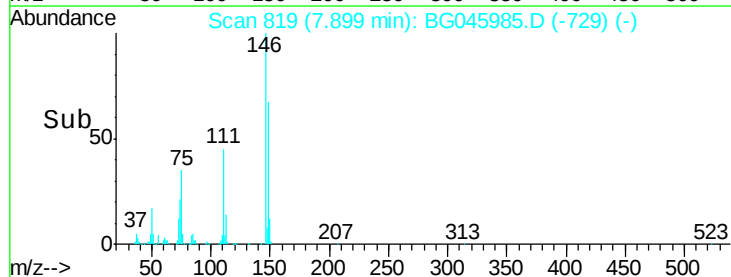
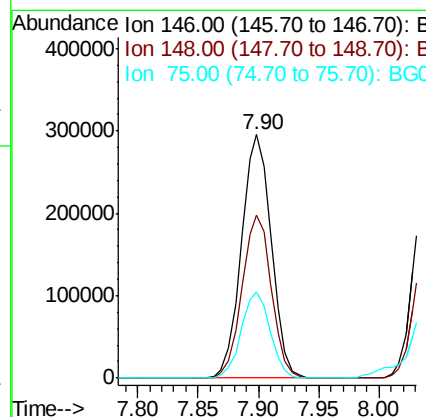
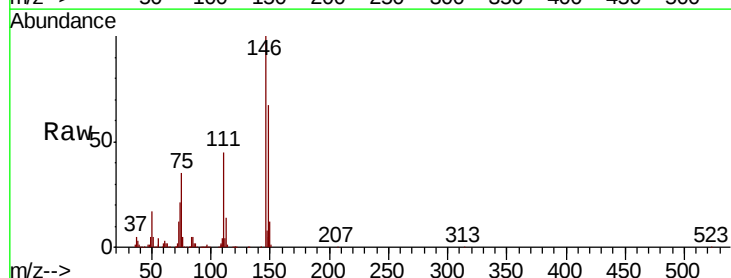
Manual Integrations
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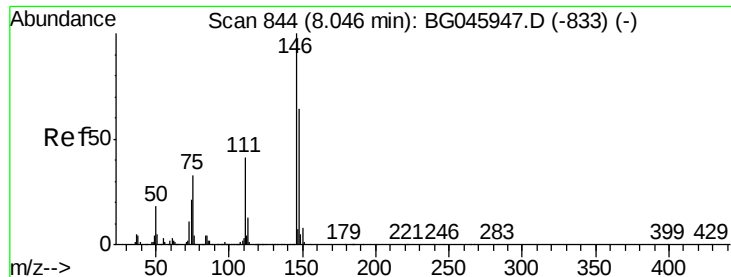
mohammad
7/10/2020 11:45:50 AM



#12
1,3-Dichlorobenzene
Concen: 37.336 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.8	79.2
75	35.2	27.2	40.8





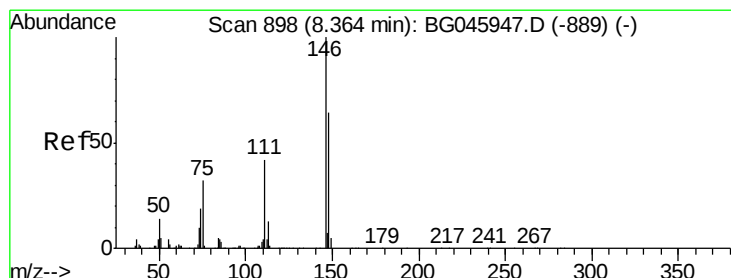
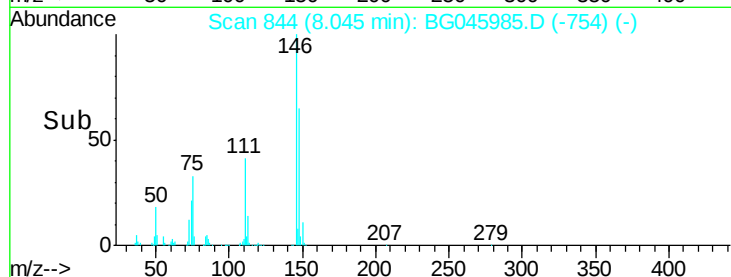
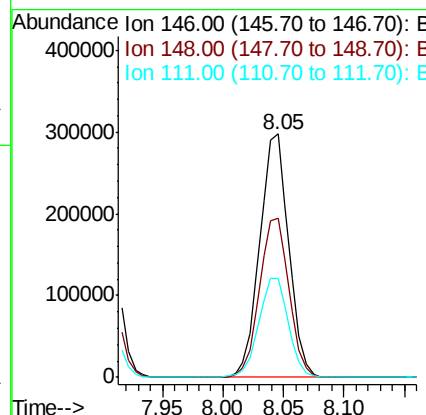
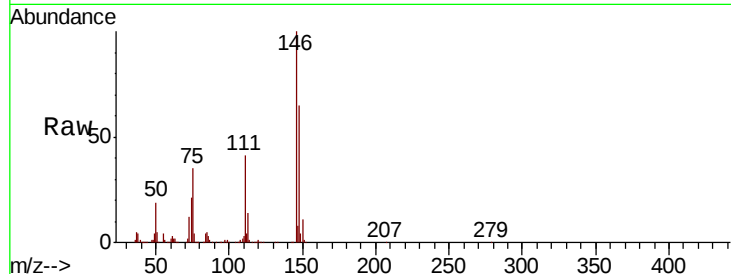
#13
 1,4-Dichlorobenzene
 Concen: 37.367 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.7	77.5
111	40.5	33.3	49.9

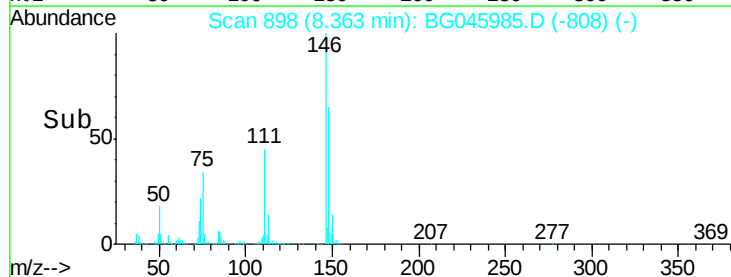
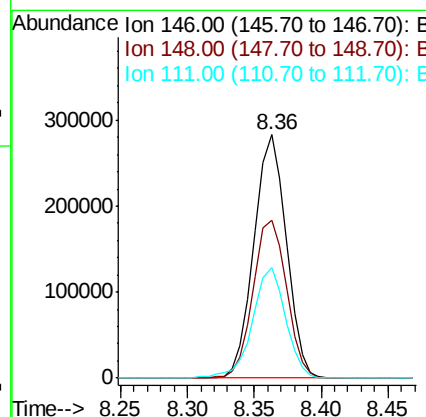
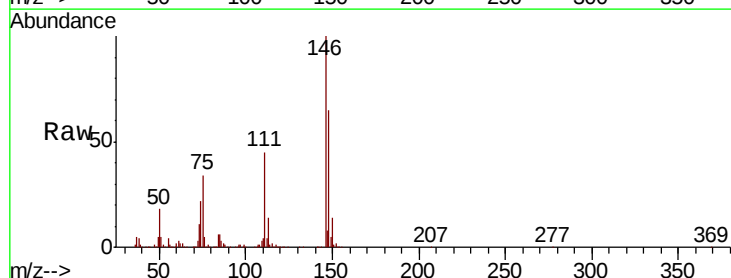
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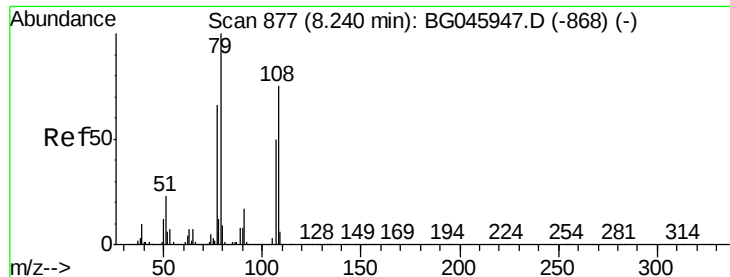
mohammad
 7/10/2020 11:45:50 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.898 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	45.3	34.0	51.0





#15

Benzyl Alcohol

Concen: 37.724 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

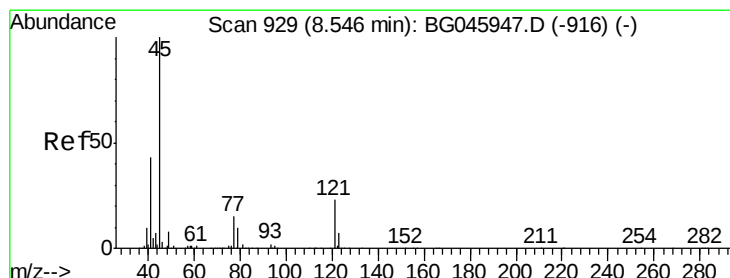
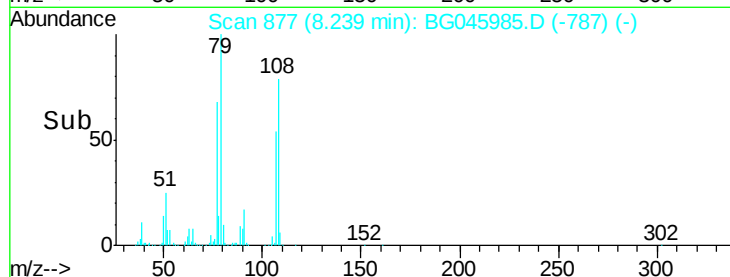
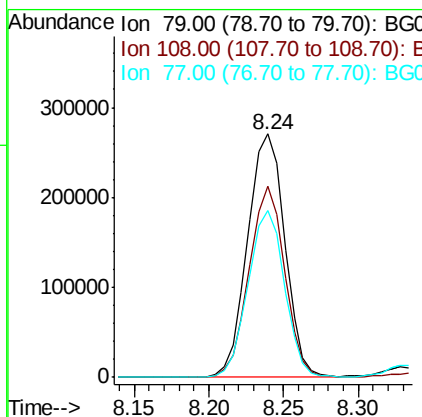
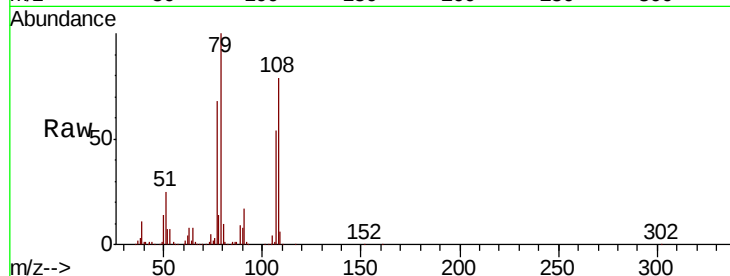
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	466227
Ion Ratio	Lower	Upper	
79	100		
108	78.6	60.2	90.4
77	68.3	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.957 ng

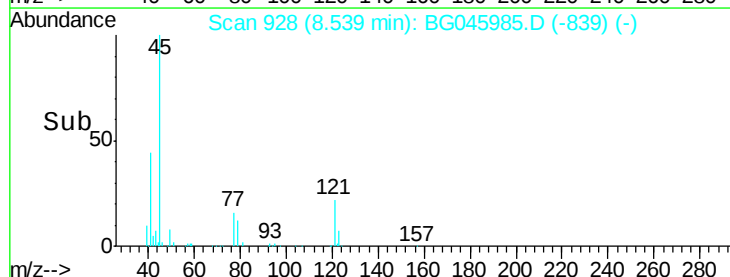
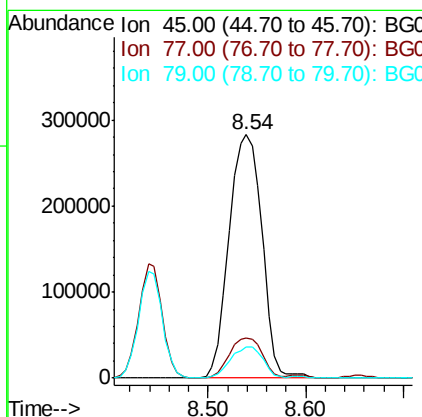
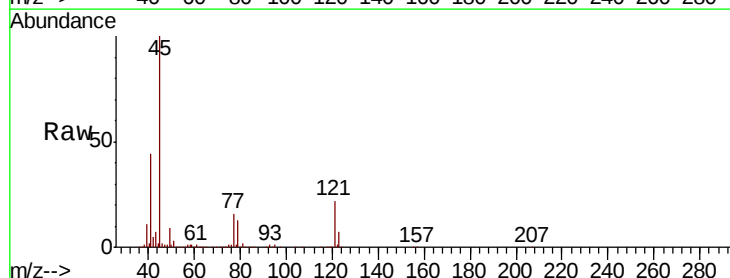
RT: 8.54 min Scan# 928

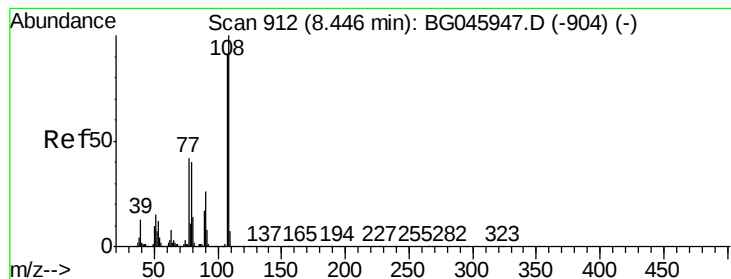
Delta R.T. -0.01 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion:	45	Resp:	664558
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	37.6
79	12.6	0.0	32.6





#17

2-Methylphenol

Concen: 37.689 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

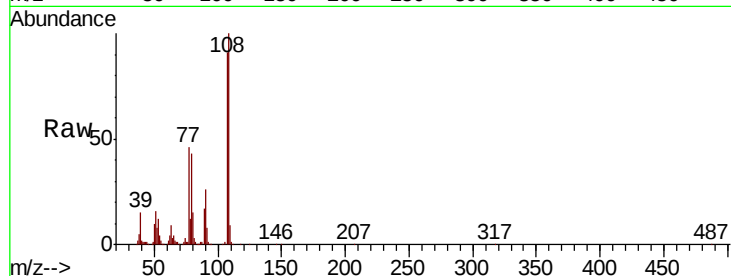
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	88.2	132.4
77	51.1	37.0	55.4
79	47.7	35.4	53.0

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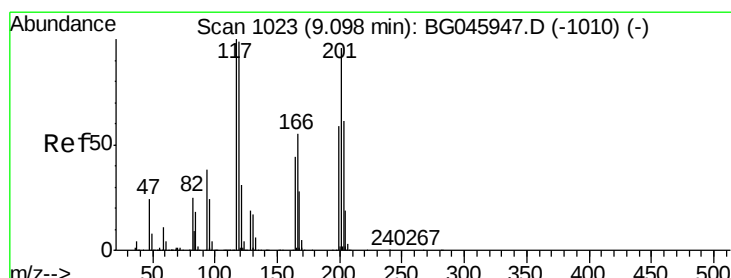
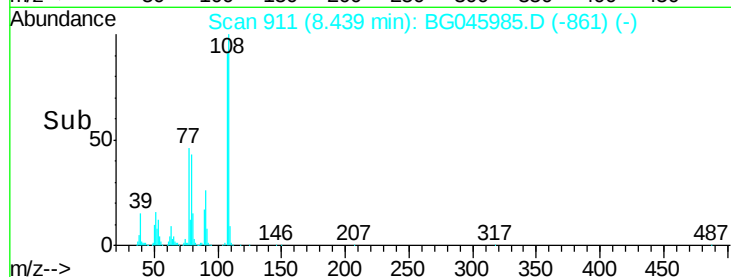
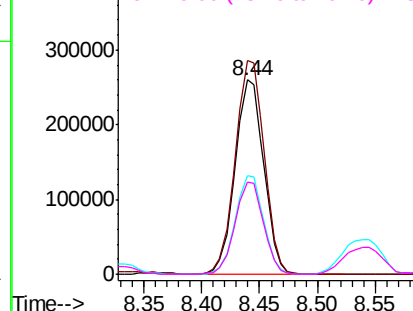
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.731 ng

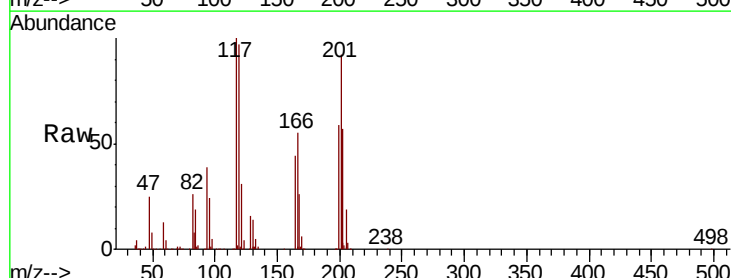
RT: 9.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.5	119.3
201	92.4	77.0	115.4

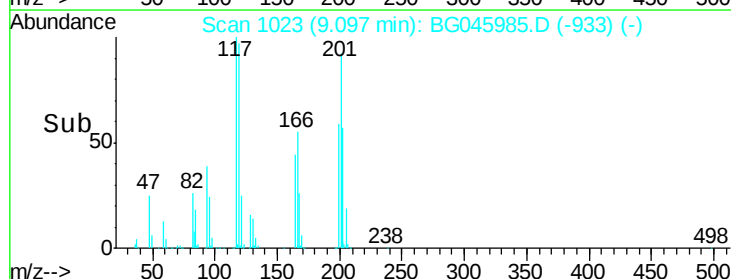
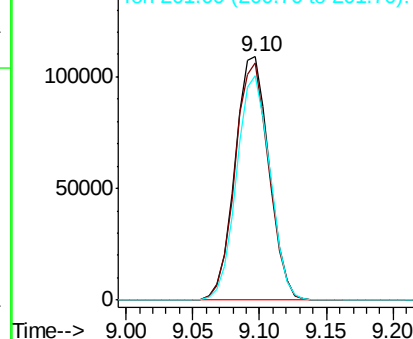


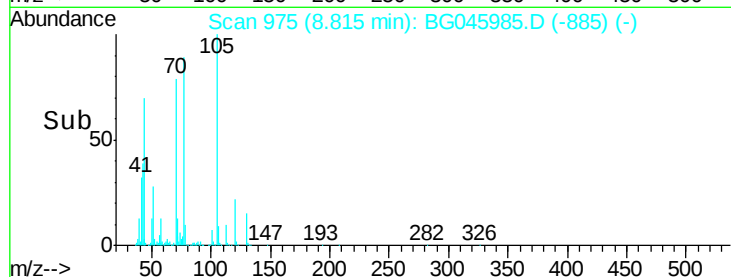
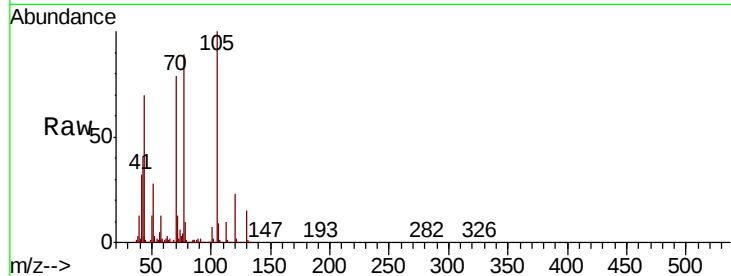
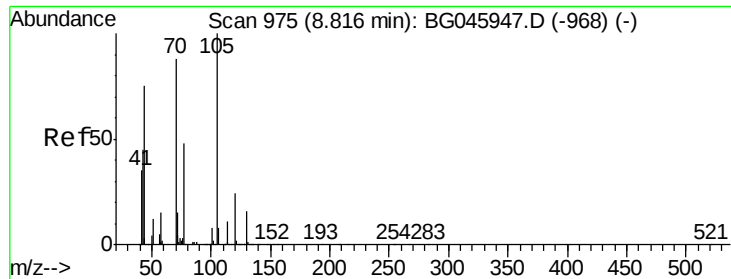
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





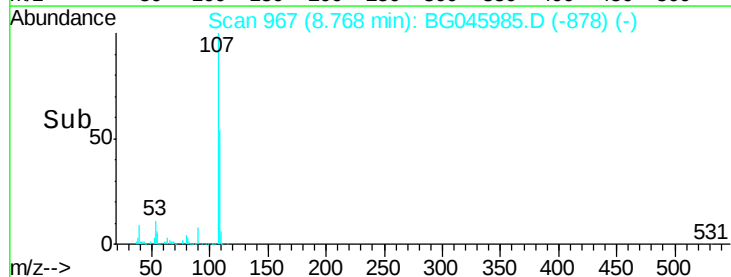
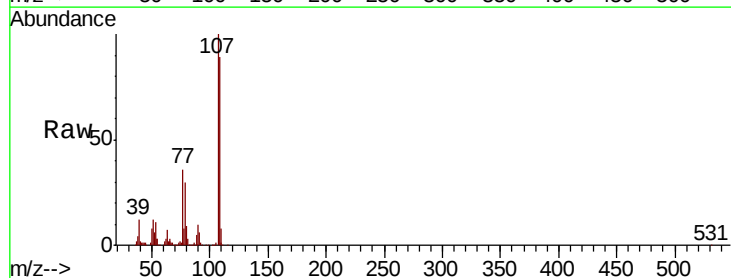
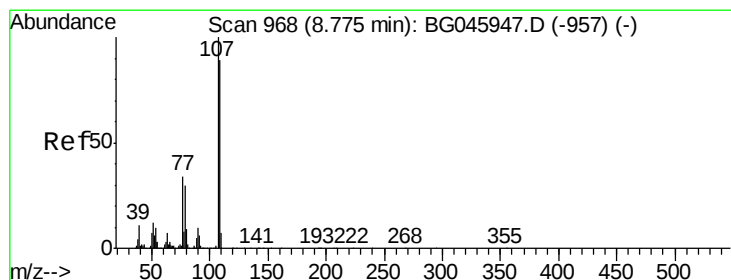
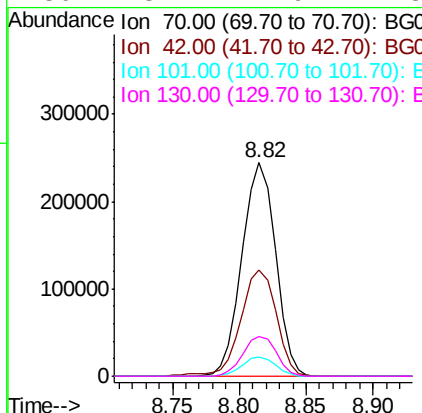
#19
n-Nitroso-di-n-propylamine
Concen: 38.496 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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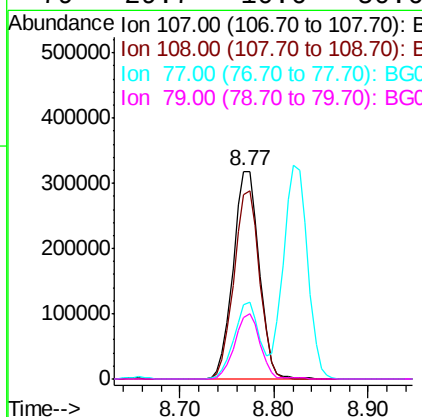
mohammad
7/10/2020 11:45:50 AM

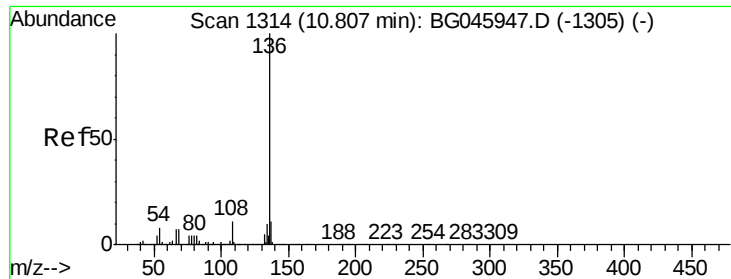
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.0	41.4	62.0	
101	8.9	7.1	10.7	
130	18.4	14.9	22.3	



#20
3+4-Methylphenols
Concen: 37.925 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	68.7	108.7	
77	35.8	14.6	54.6	
79	29.7	10.6	50.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

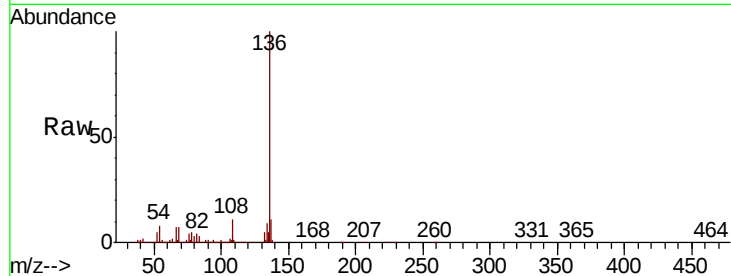
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		710147		
137	11.0		9.2	13.8	
54	8.5		6.2	9.4	
68	7.0		5.8	8.8	

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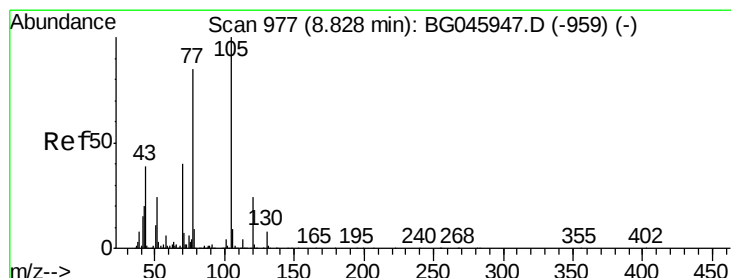
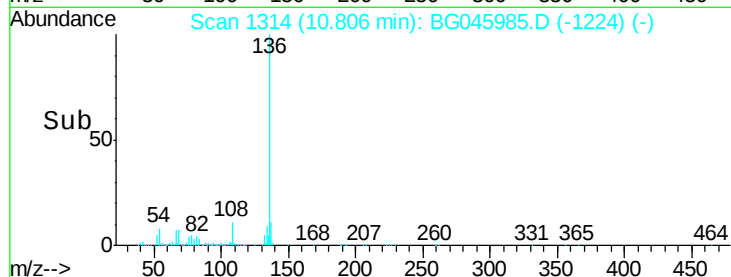
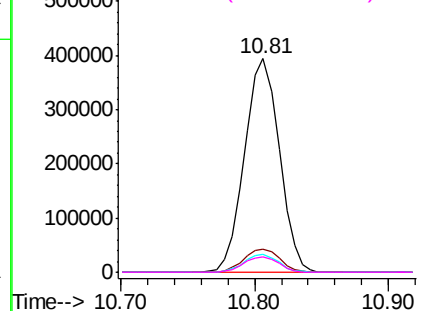
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.132 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		685480		
71	10.0		6.2	9.2	#
51	27.3		19.7	29.5	
120	23.9		19.2	28.8	

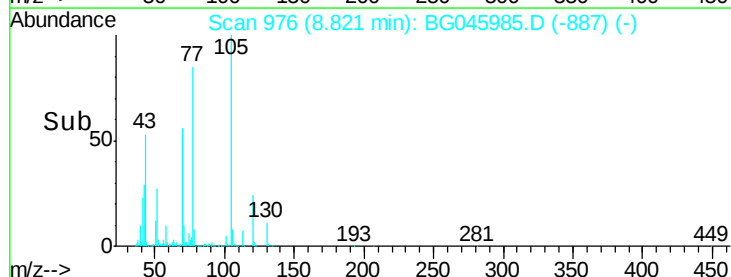
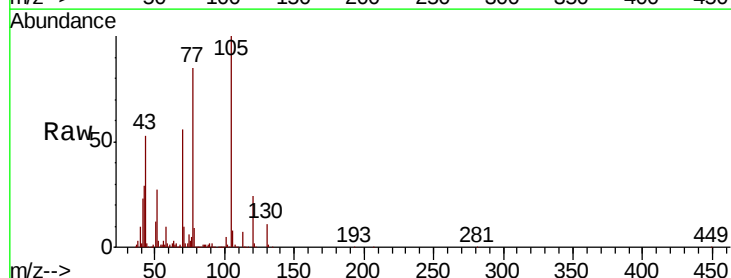
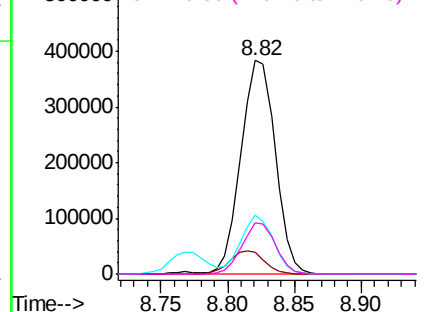
Abundance

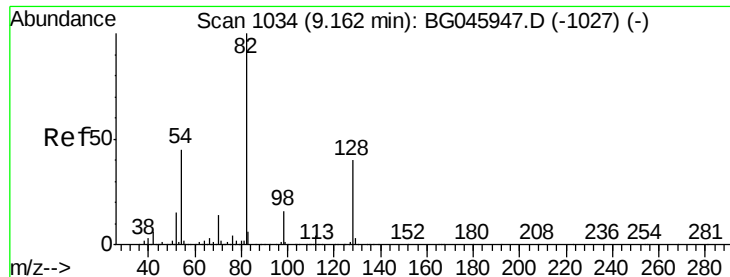
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





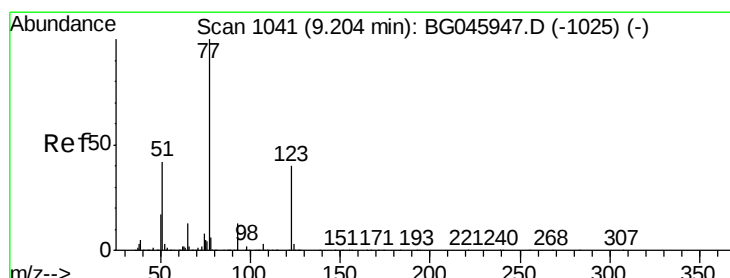
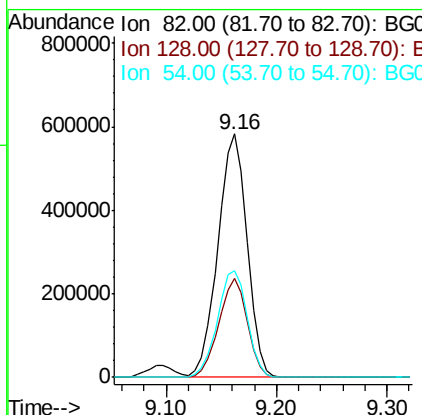
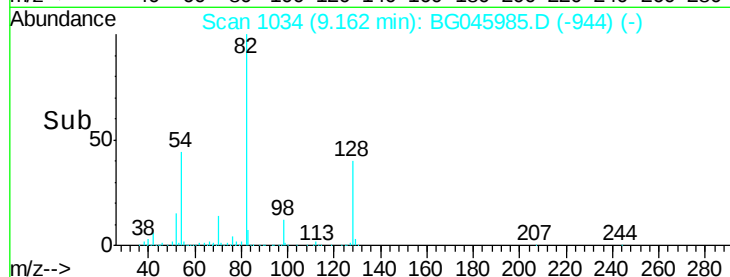
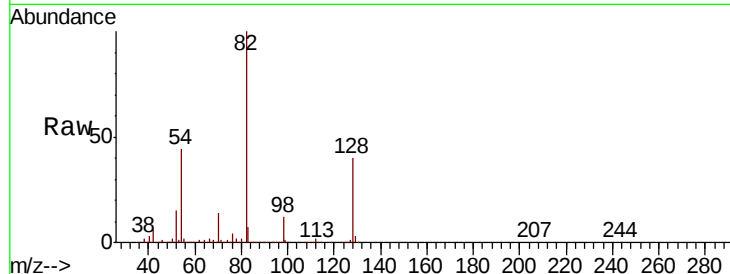
#23
 Nitrobenzene-d5
 Concen: 86.515 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.2	48.4
54	44.0	35.8	53.6

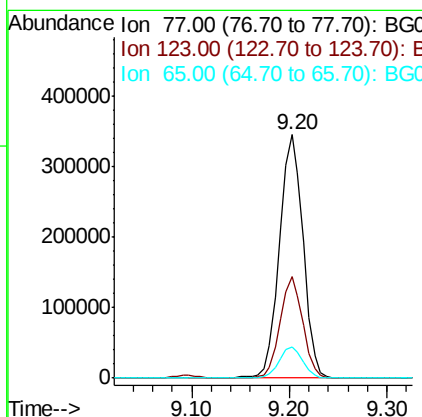
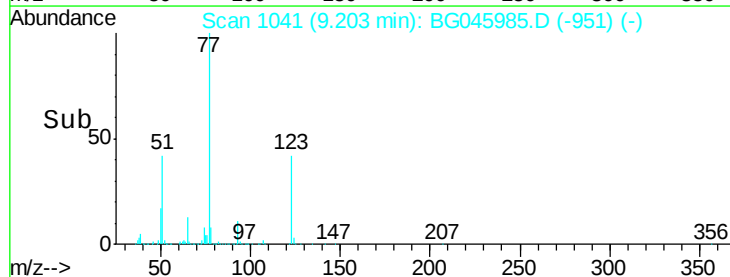
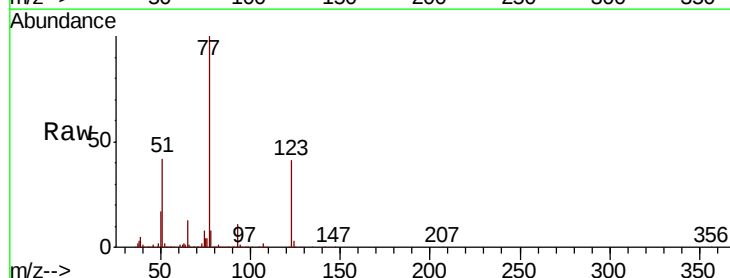
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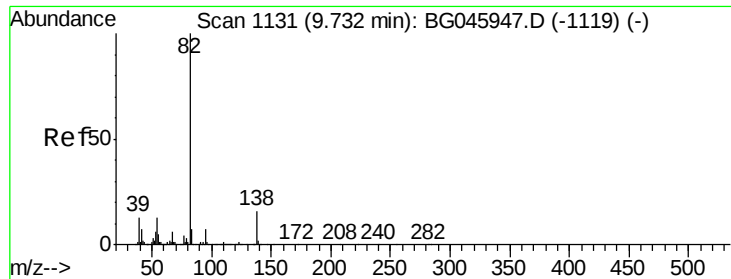
mohammad
 7/10/2020 11:45:50 AM



#24
 Nitrobenzene
 Concen: 43.000 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	32.7	49.1
65	12.7	10.2	15.4





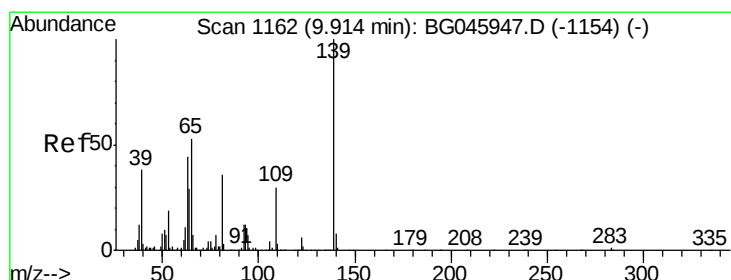
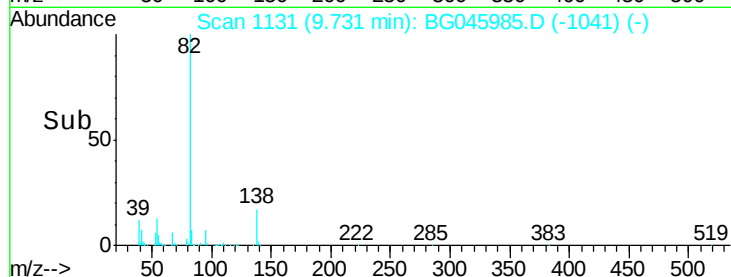
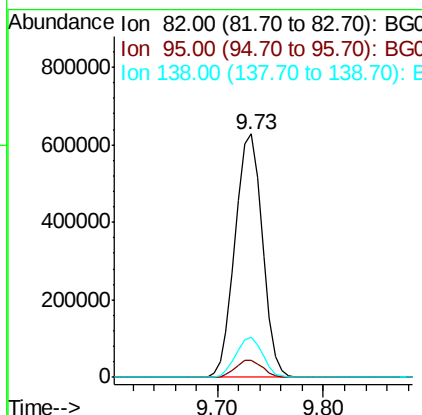
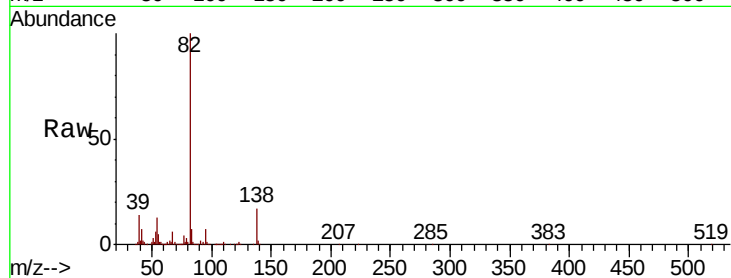
#25
Isophorone
Concen: 37.349 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	16.6	12.9	19.3

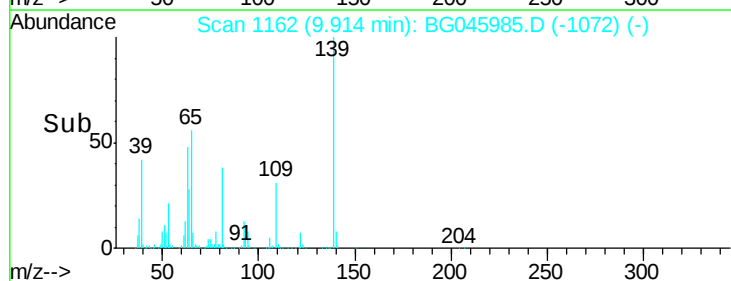
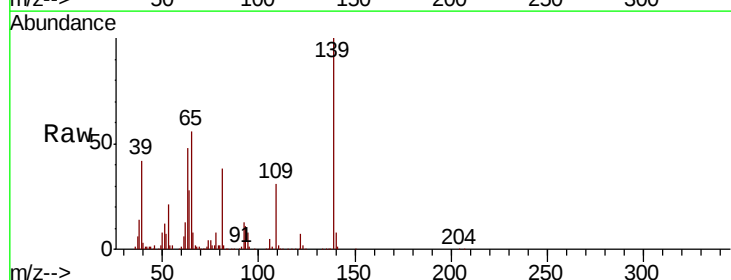
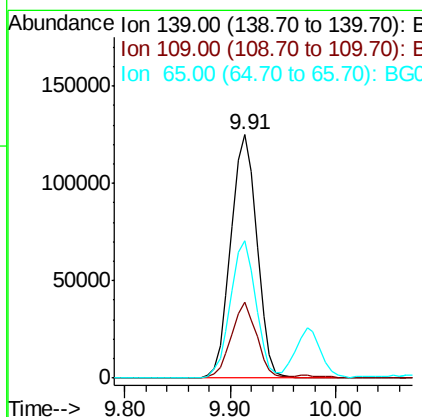
Manual Integrations
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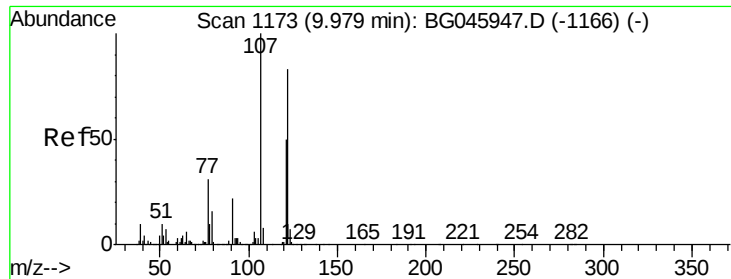
mohammad
7/10/2020 11:45:50 AM



#26
2-Nitrophenol
Concen: 48.049 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.3	24.6	37.0
65	56.4	42.6	64.0





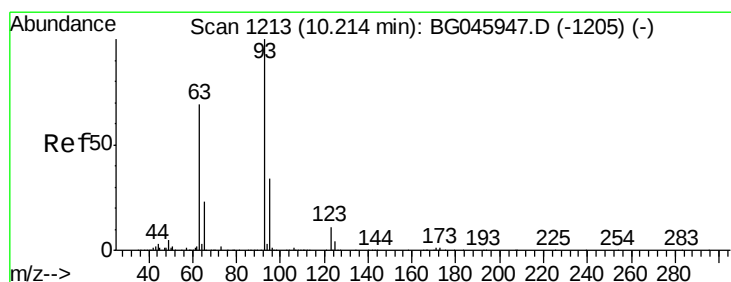
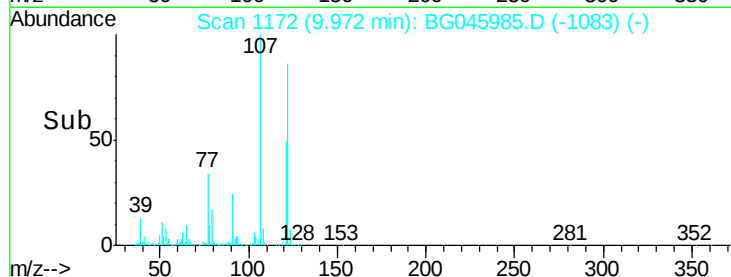
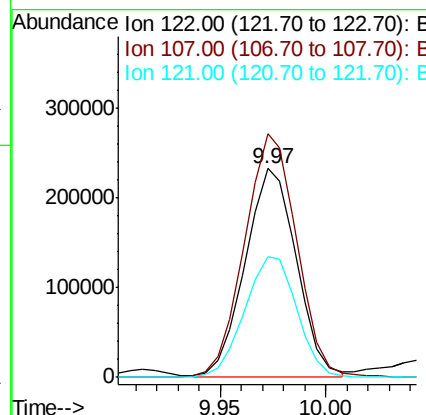
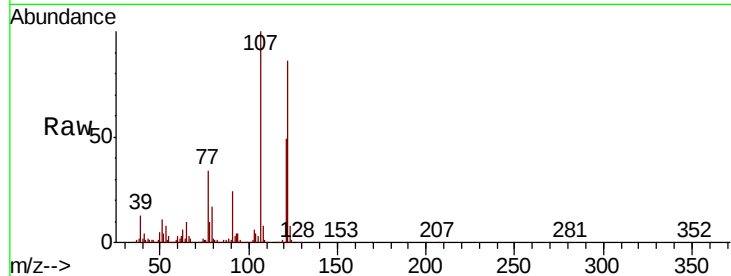
#27
2,4-Dimethylphenol
Concen: 36.439 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	390657		
107	116.8	95.6	143.4	
121	57.7	47.7	71.5	

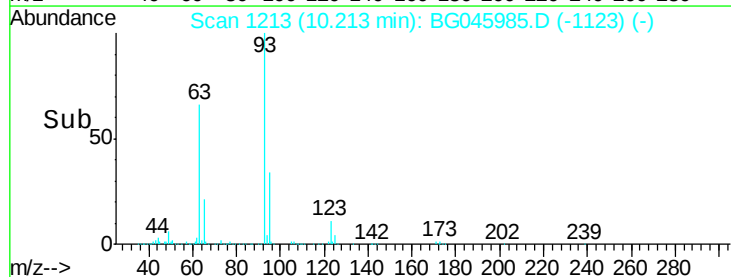
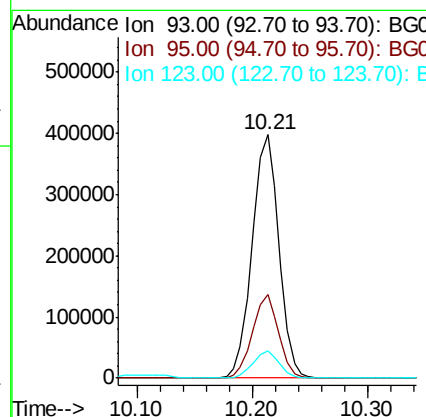
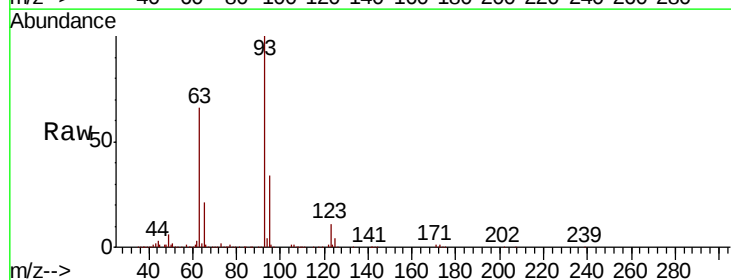
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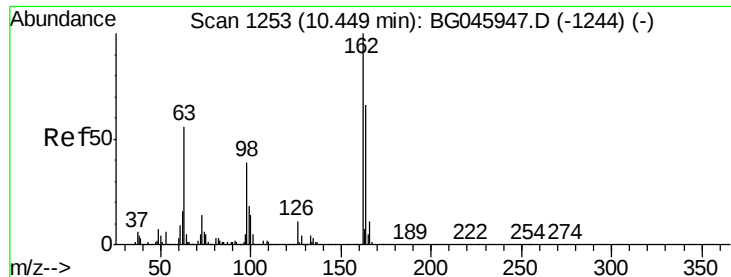
mohammad
7/10/2020 11:45:50 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.874 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	640589		
95	34.1	27.5	41.3	
123	11.4	9.2	13.8	





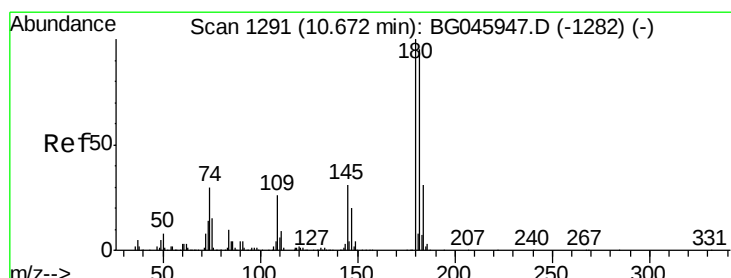
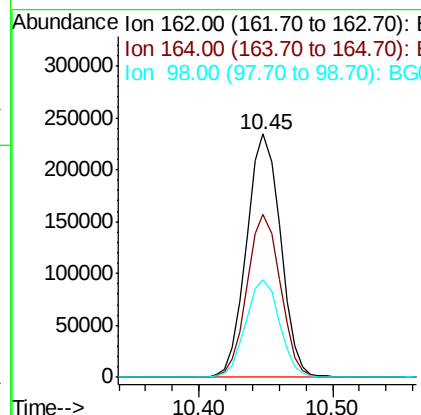
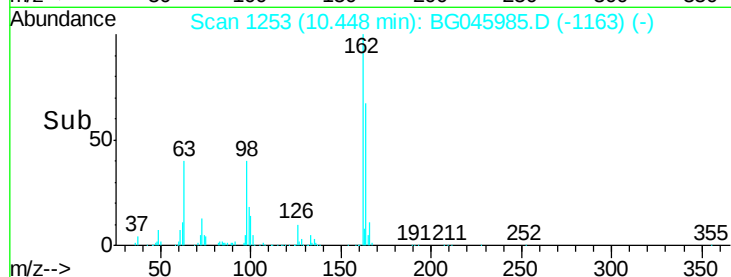
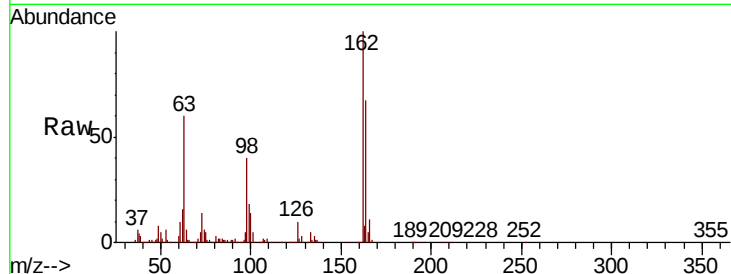
#29
 2,4-Dichlorophenol
 Concen: 37.095 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	411686
Ion Ratio	Lower	Upper	
162	100		
164	67.0	46.0	86.0
98	40.2	19.2	59.2

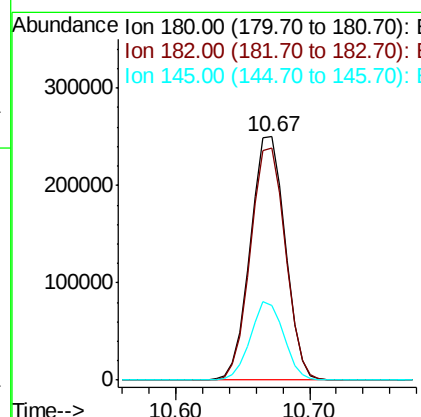
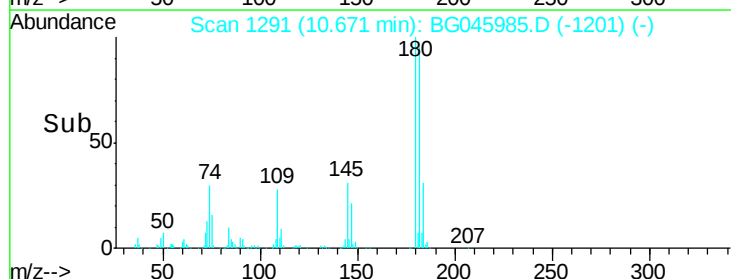
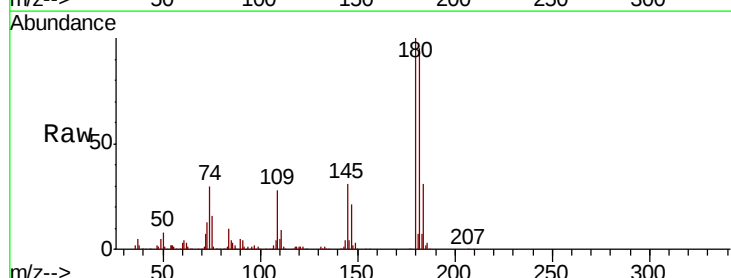
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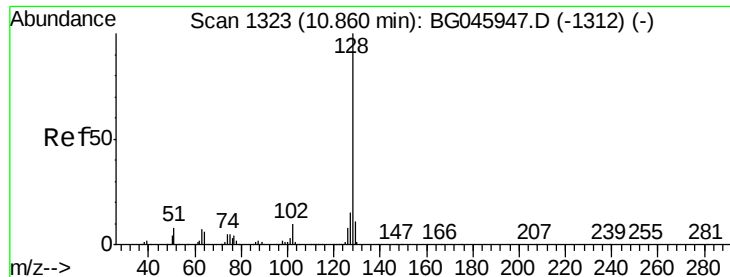
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.625 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion:	180	Resp:	450381
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.3	114.5
145	30.5	24.8	37.2





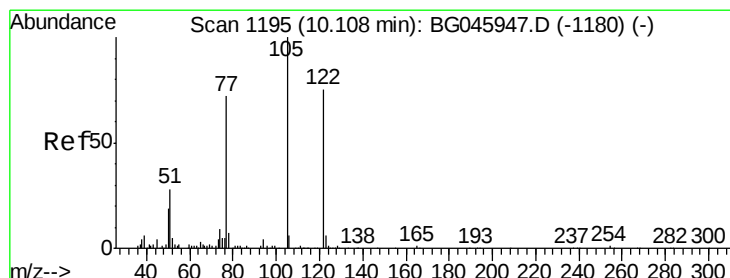
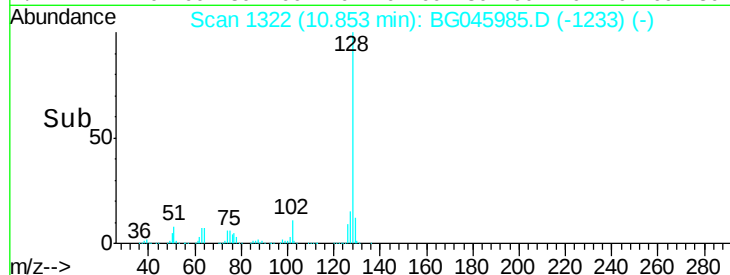
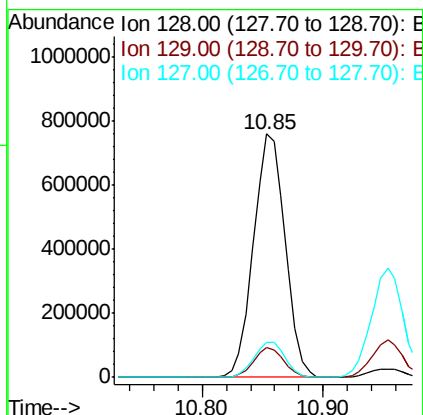
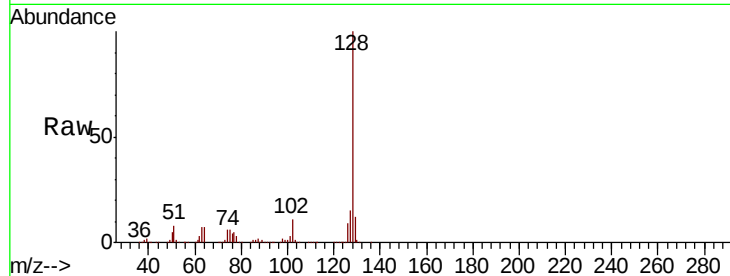
#31
Naphthalene
Concen: 36.371 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	14.6	11.8	17.6

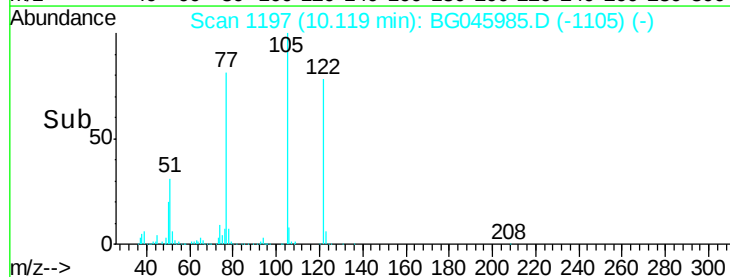
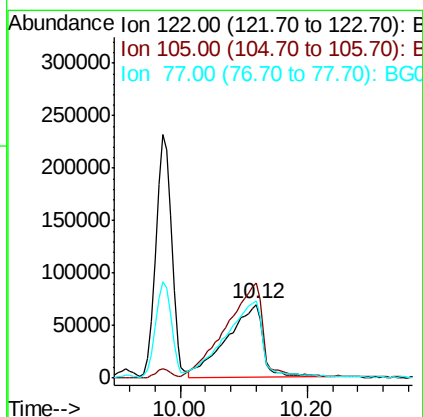
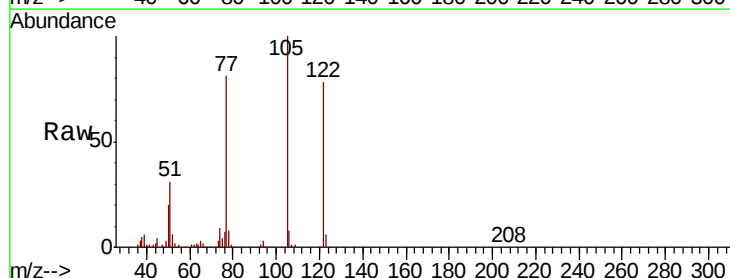
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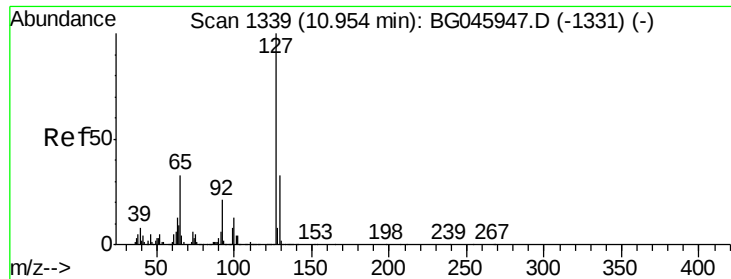
mohammad
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#32
Benzoic acid
Concen: 43.280 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	110.8	150.8
77	103.8	76.4	116.4





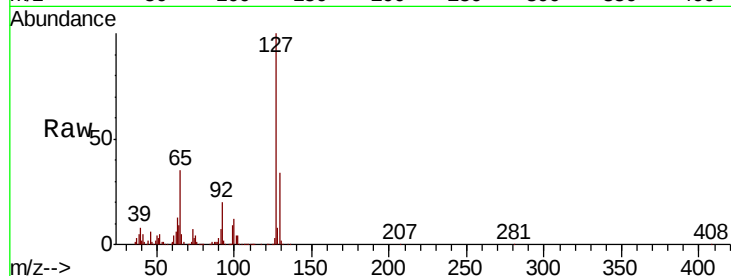
#33
4-Chloroaniline
Concen: 36.453 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		620138		
129	34.0	26.6	39.8		
65	34.8	26.8	40.2		
92	19.9	17.0	25.4		

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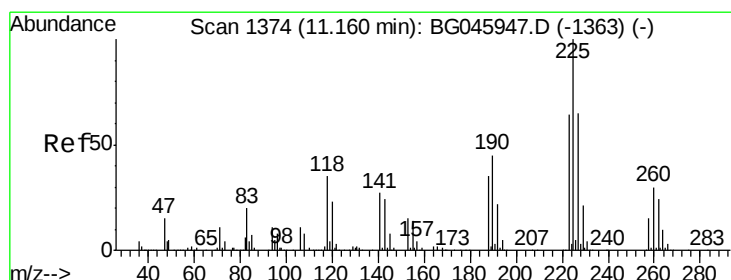
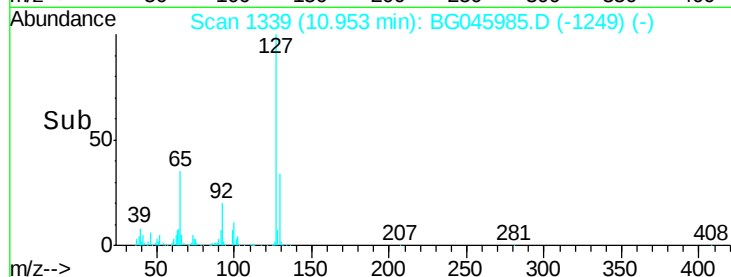
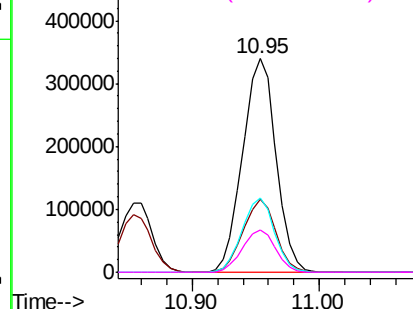
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

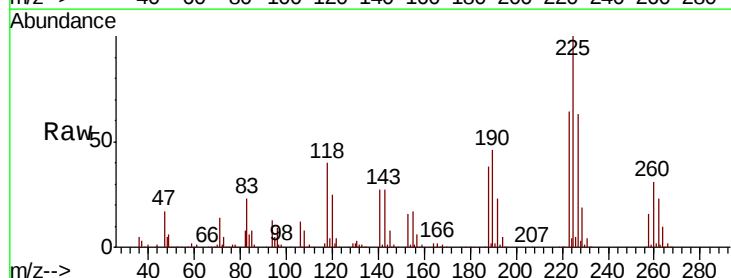
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.909 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		257824		
223	64.1	51.2	76.8		
227	63.4	52.3	78.5		

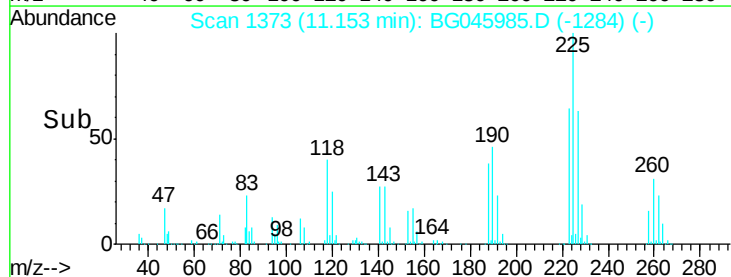
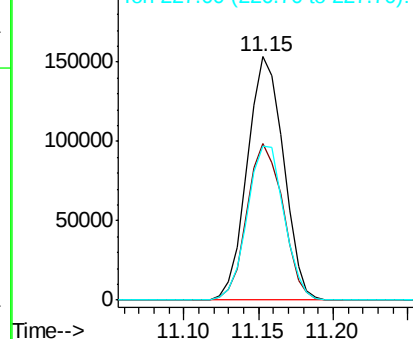


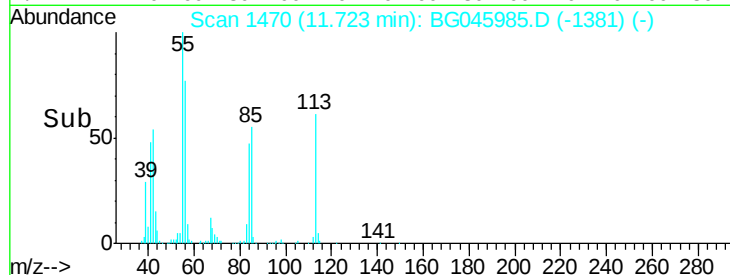
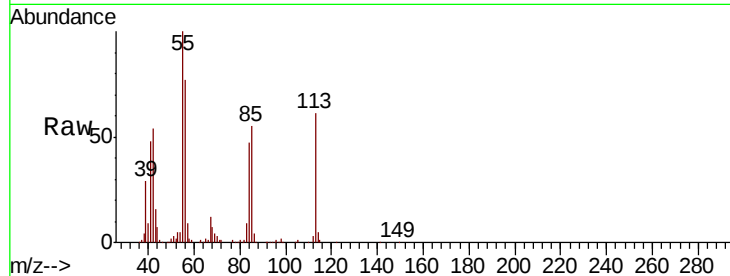
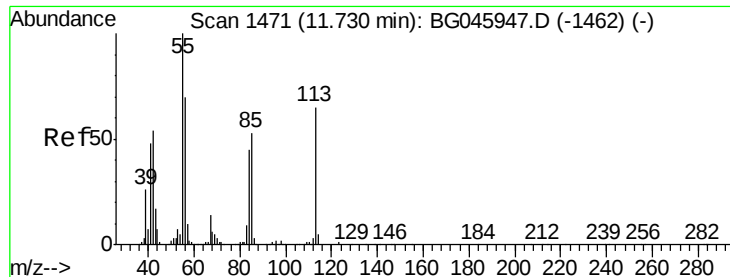
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.925 ng

RT: 11.72 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

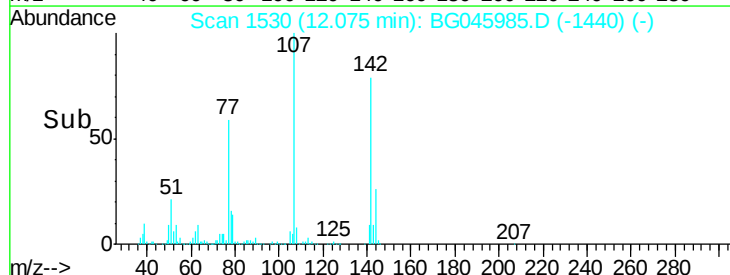
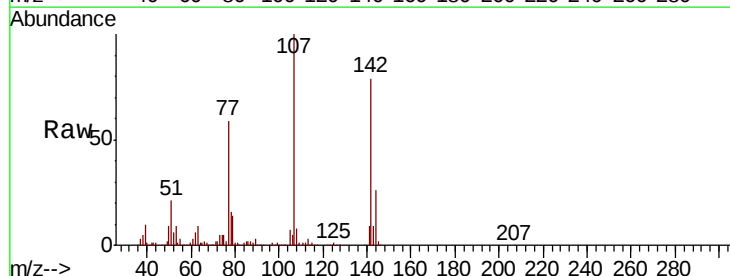
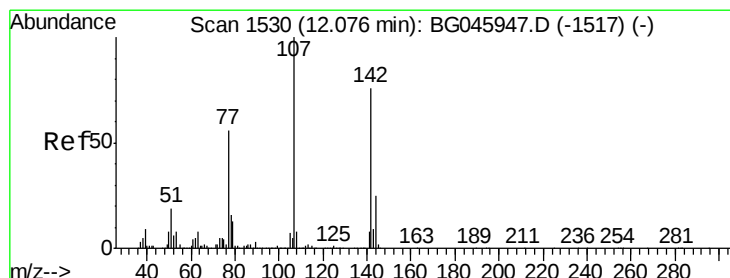
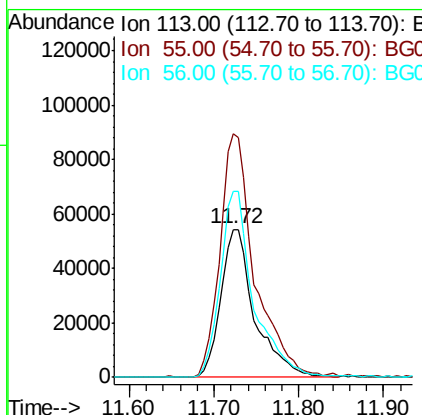
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	151376
Ion Ratio	Lower	Upper	
113	100		
55	164.3	141.6	181.6
56	125.8	89.6	129.6

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#36

4-Chloro-3-methylphenol

Concen: 37.360 ng

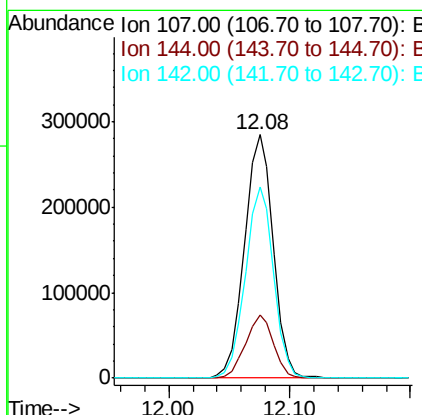
RT: 12.08 min Scan# 1530

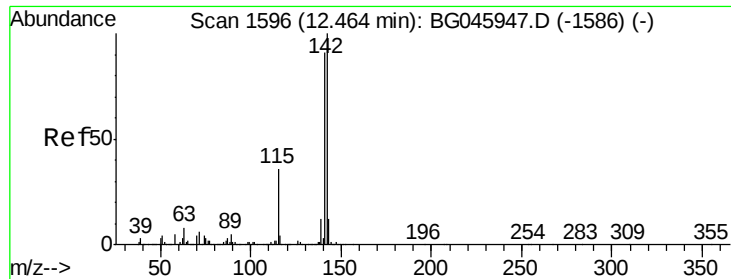
Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion:	107	Resp:	472249
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.0	30.0
142	78.5	61.1	91.7





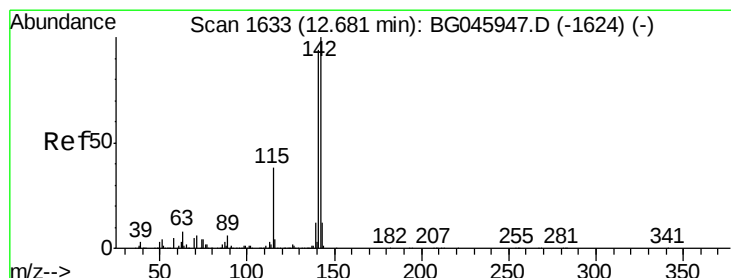
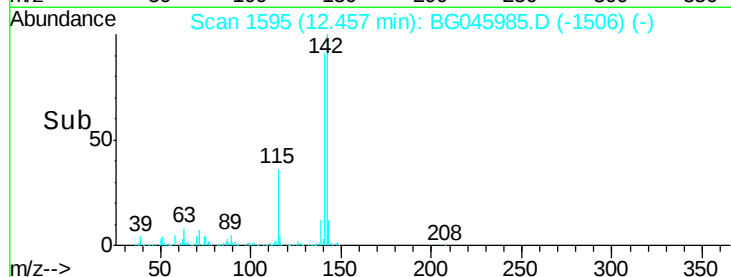
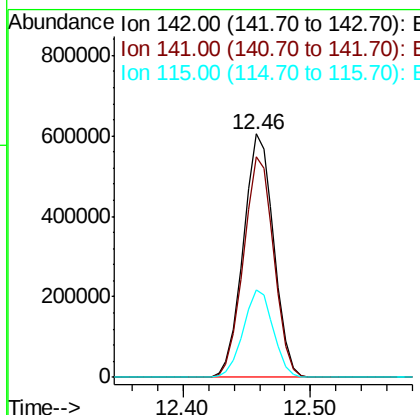
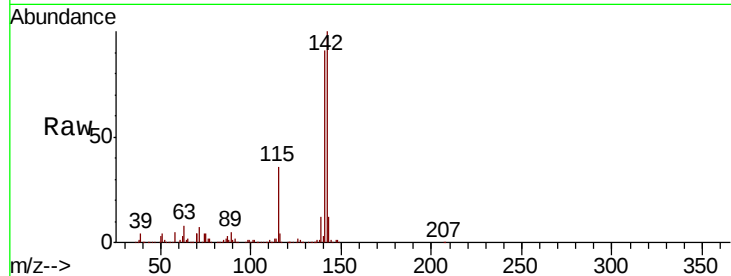
#37
2-Methylnaphthalene
Concen: 37.084 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.0	109.6
115	36.0	28.8	43.2

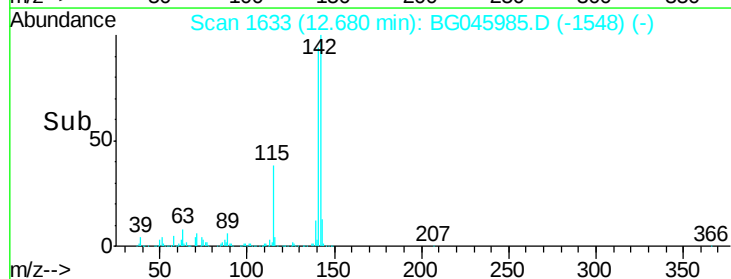
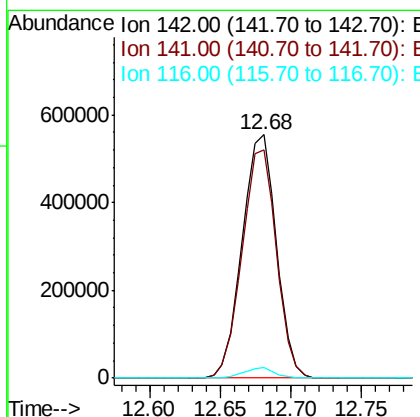
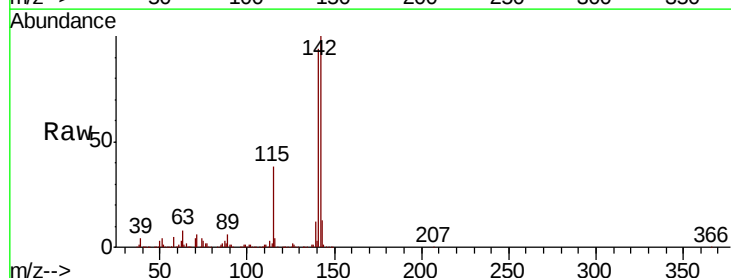
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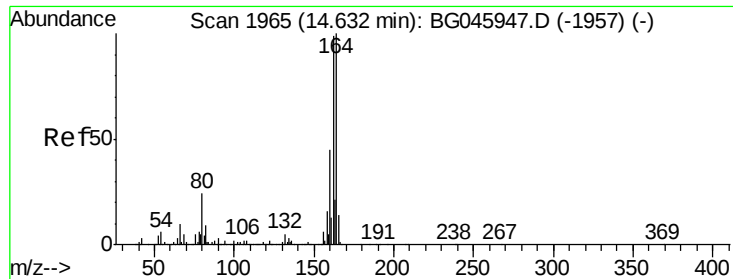
mohammad
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#38
1-Methylnaphthalene
Concen: 36.871 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.2	112.8
116	4.2	3.1	4.7





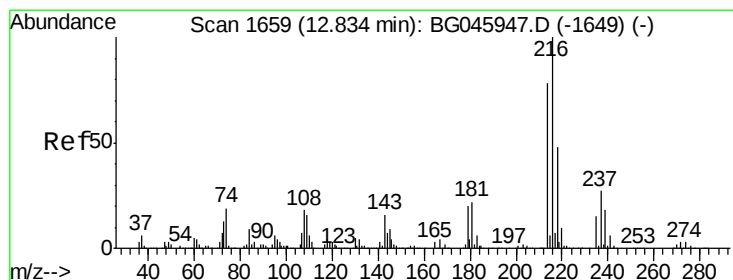
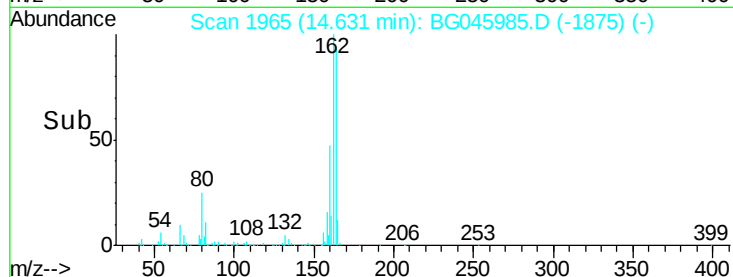
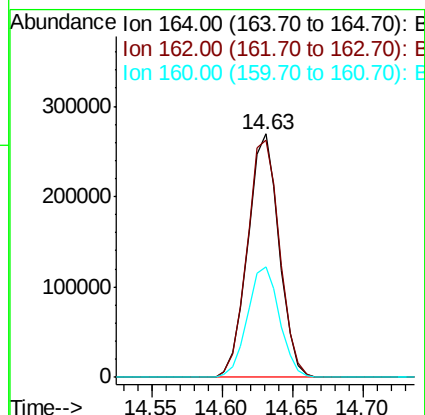
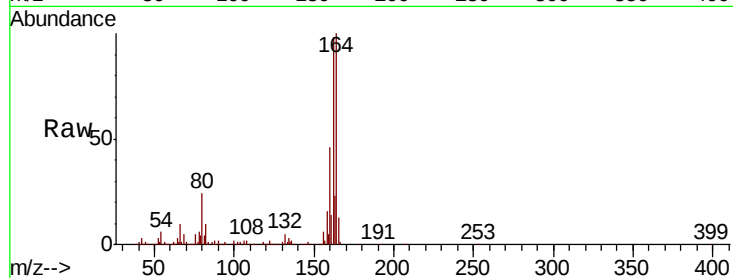
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.3	118.9
160	45.5	35.7	53.5

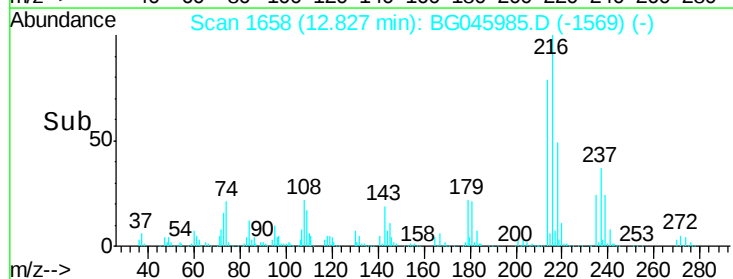
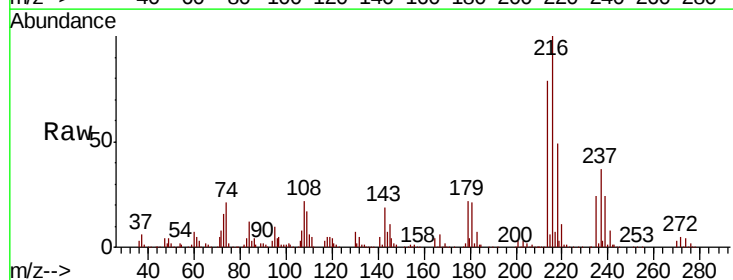
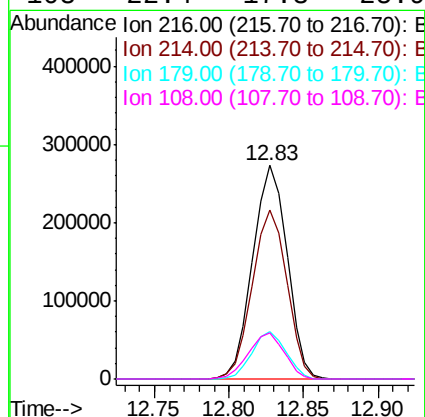
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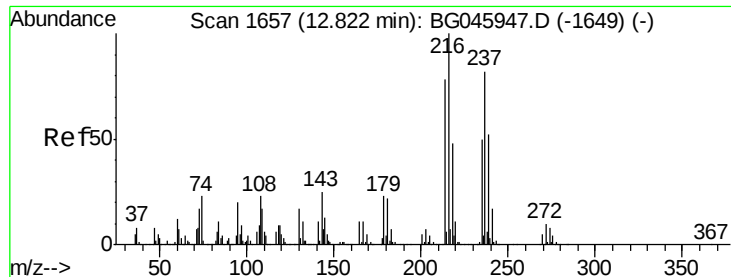
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.943 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.0	17.0	25.6
108	22.4	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 35.963 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

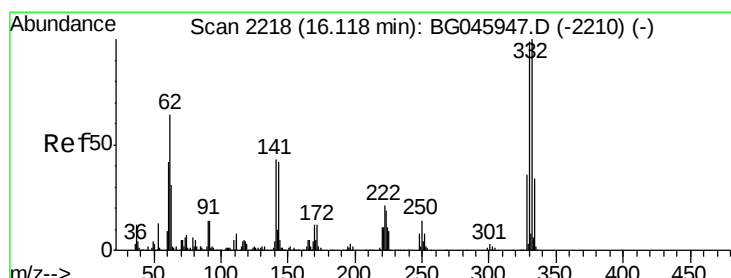
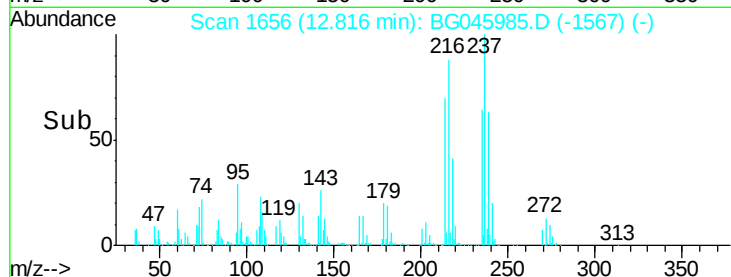
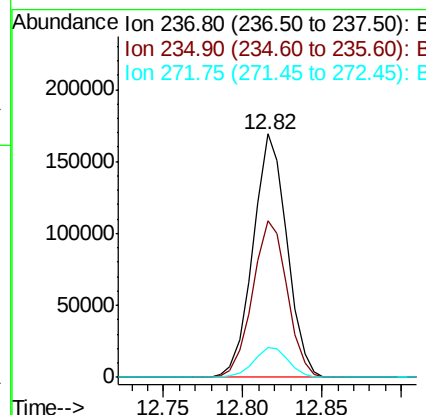
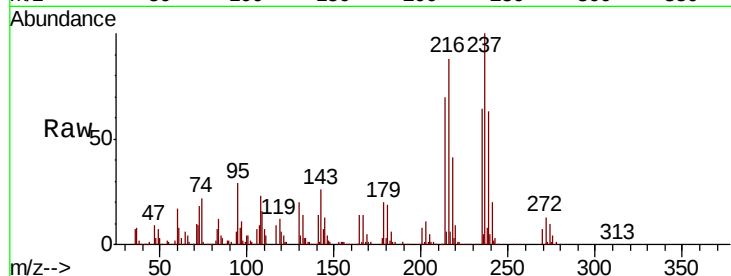
ClientSampleId :

SSTDCCC040EC

Tot Ion:	237	Resp:	251502
Ion Ratio	Lower	Upper	
237	100		
235	64.2	41.5	81.5
272	12.5	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 76.627 ng

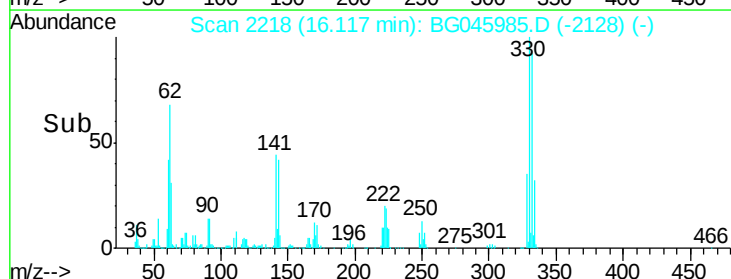
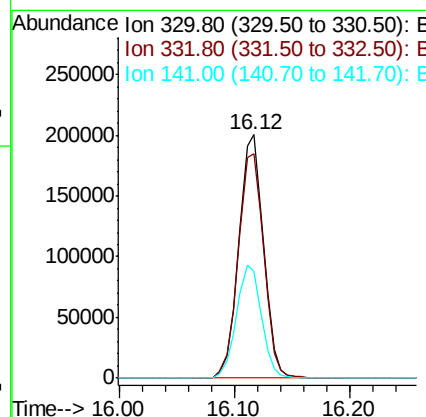
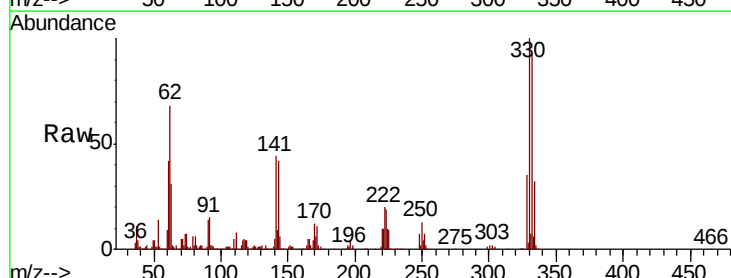
RT: 16.12 min Scan# 2218

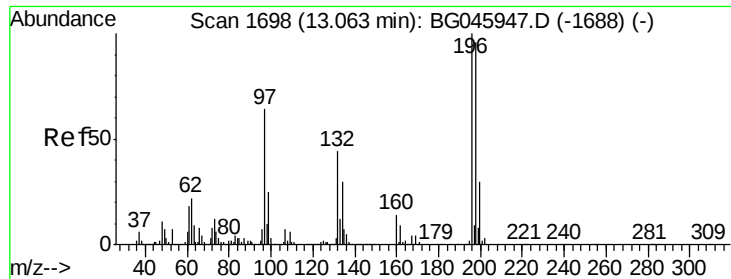
Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion:	330	Resp:	297342
Ion Ratio	Lower	Upper	
330	100		
332	95.4	78.3	117.5
141	47.1	36.6	54.8





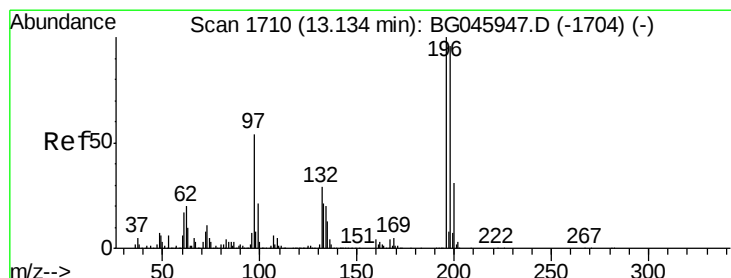
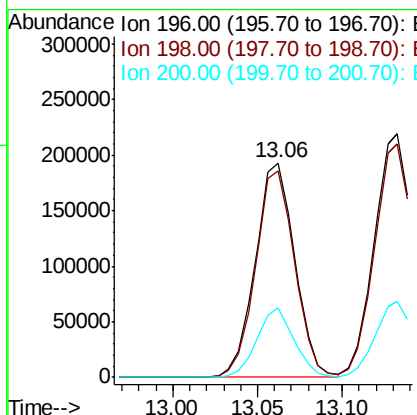
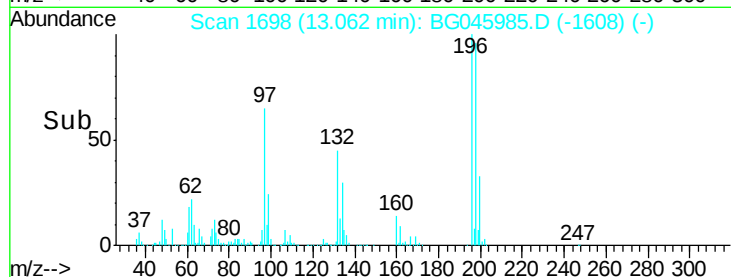
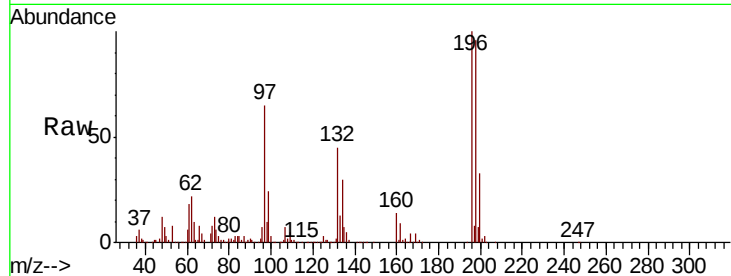
#43
 2,4,6-Trichlorophenol
 Concen: 39.244 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	312806		
198	96.1	76.7	115.1	
200	32.6	24.3	36.5	

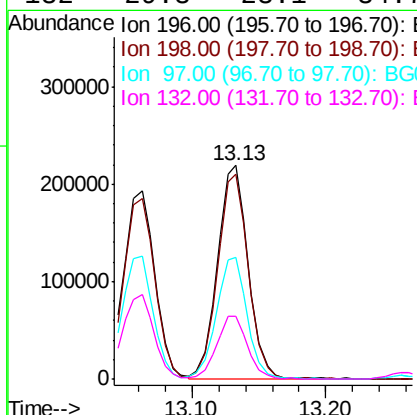
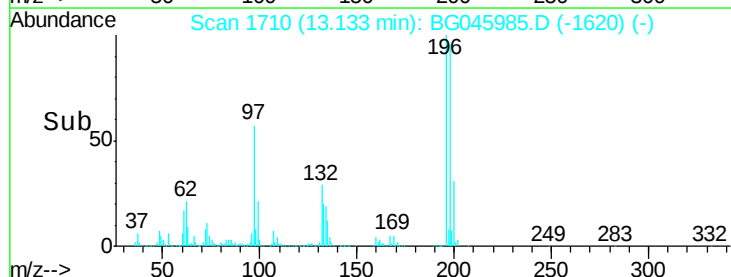
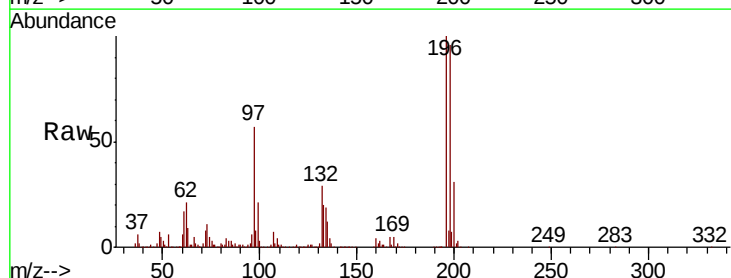
Manual Integrations
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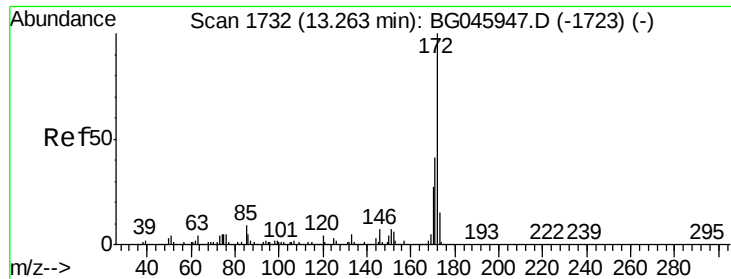
mohammad
 7/10/2020 11:45:50 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.917 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	350729		
198	95.7	77.0	115.6	
97	57.0	44.3	66.5	
132	29.3	23.1	34.7	





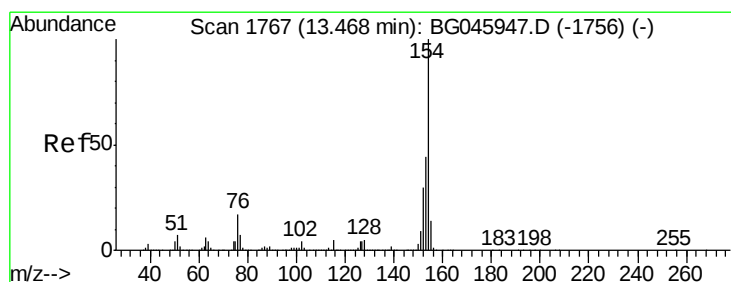
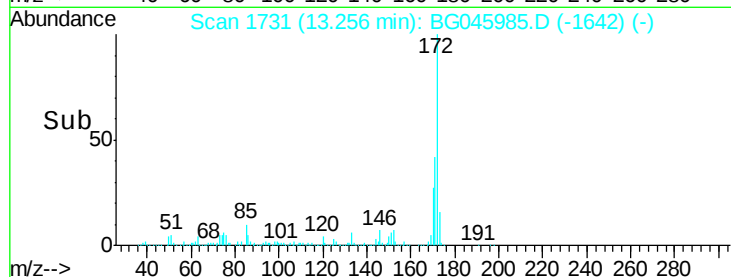
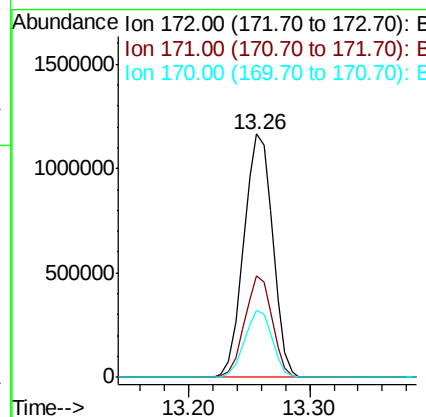
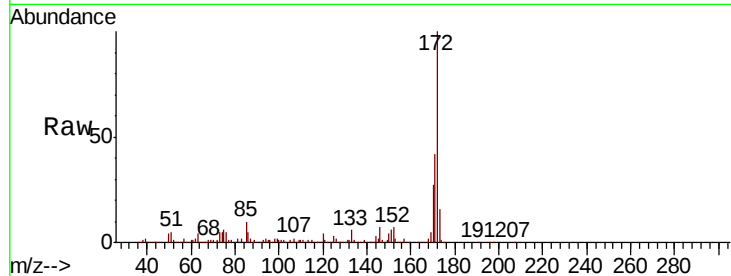
#45
2-Fluorobiphenyl
Concen: 72.590 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.5	32.9	49.3
170	27.4	21.8	32.6

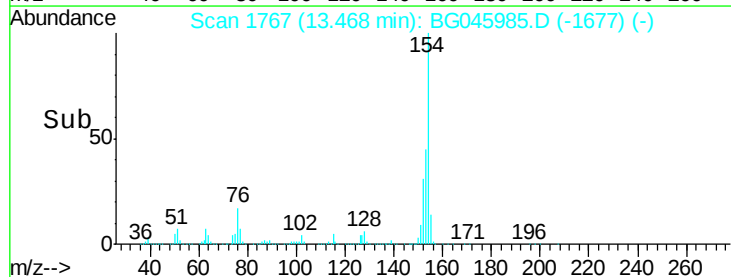
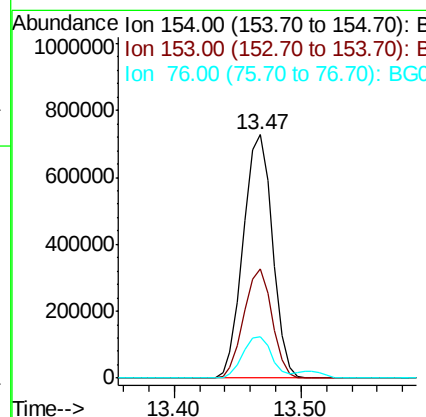
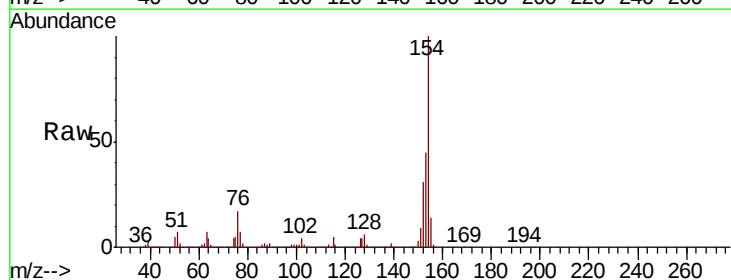
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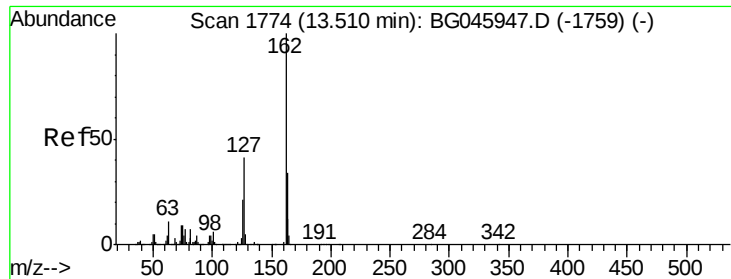
mohammad
7/10/2020 11:45:50 AM



#46
1,1'-Biphenyl
Concen: 36.994 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.8	23.6	63.6
76	17.2	0.0	36.9





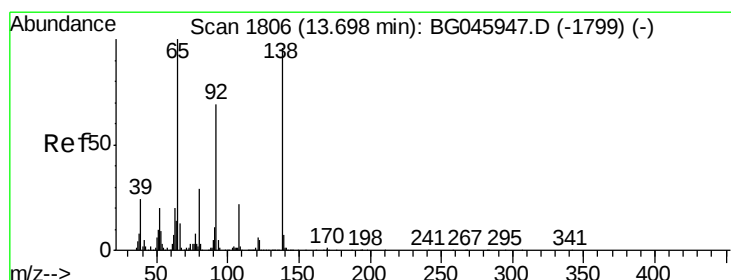
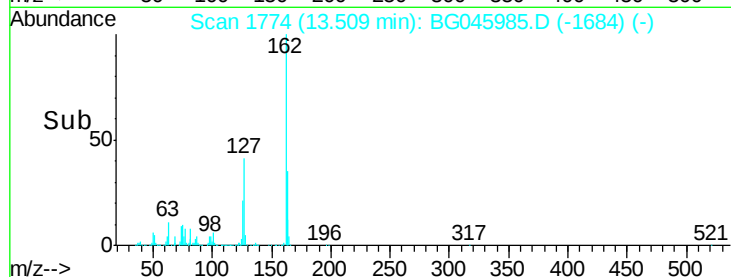
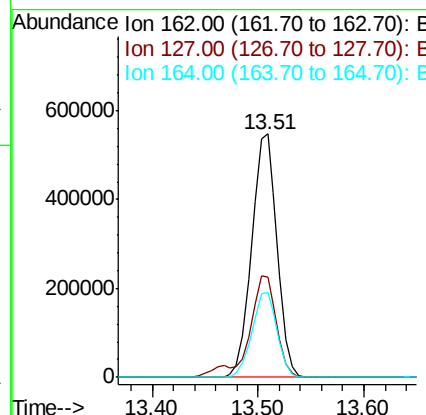
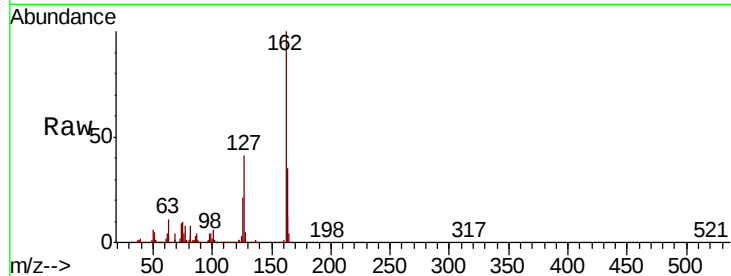
#47
 2-Chloronaphthalene
 Concen: 36.778 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.5	48.7
164	35.1	27.2	40.8

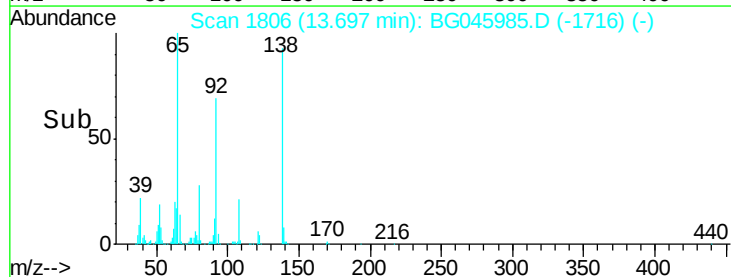
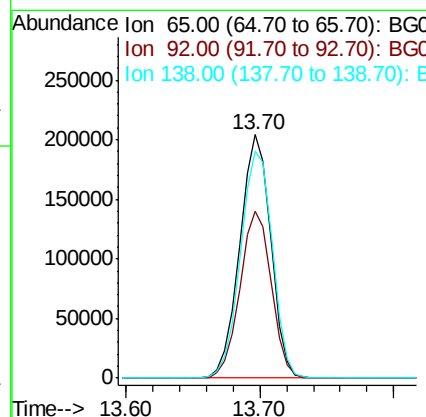
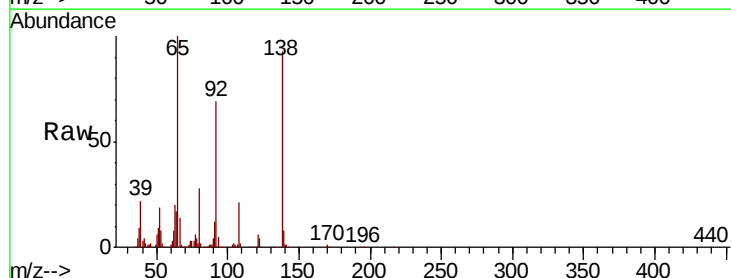
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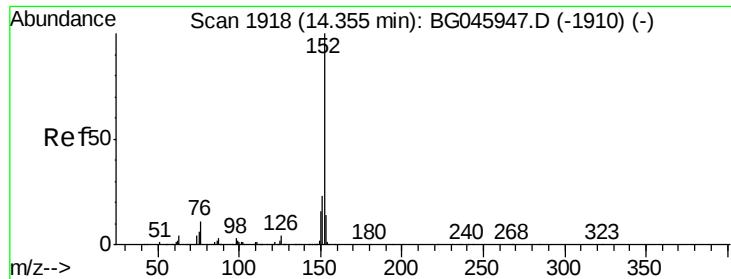
mohammad
 7/10/2020 11:45:50 AM



#48
 2-Nitroaniline
 Concen: 47.232 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	55.4	83.0
138	93.2	77.0	115.4





#49

Acenaphthylene

Concen: 36.203 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

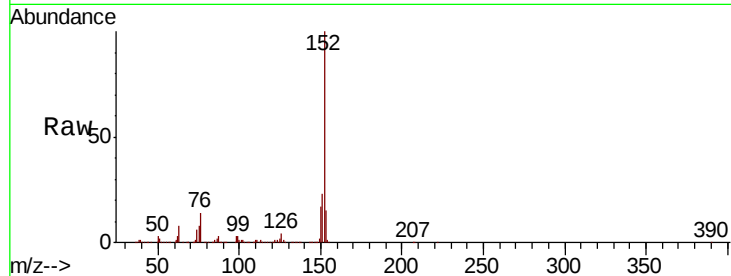
ClientSampleId :

SSTDCCC040EC

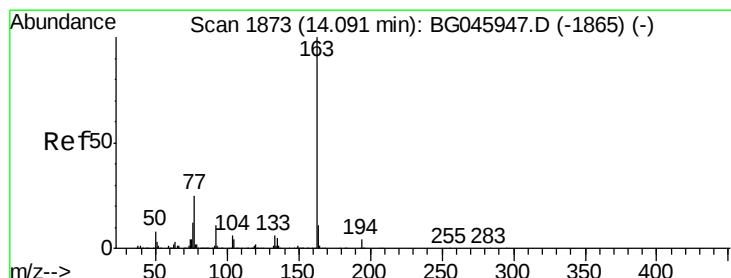
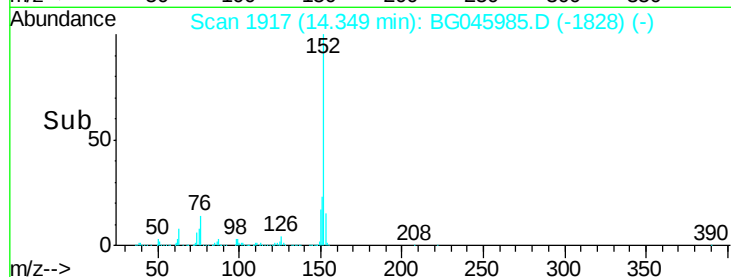
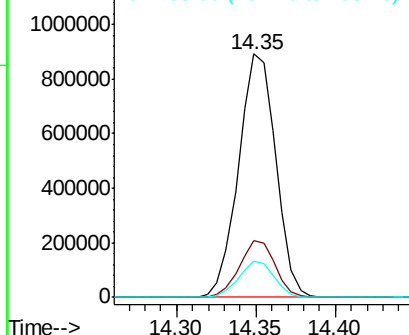
Tot Ion:	152	Resp:	1449530
Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.1	27.1
153	14.8	11.5	17.3

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.839 ng

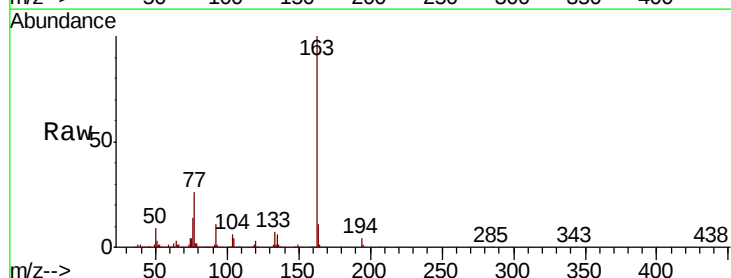
RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

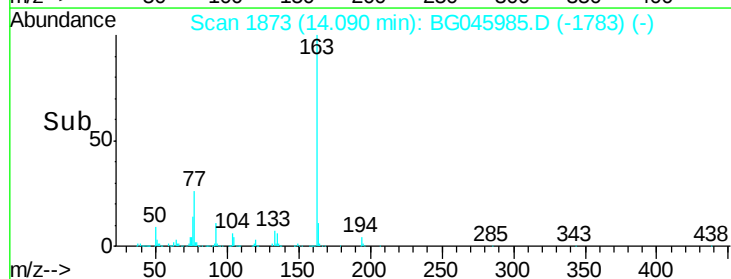
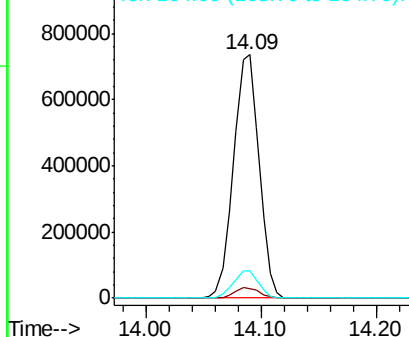
Lab File: BG045985.D

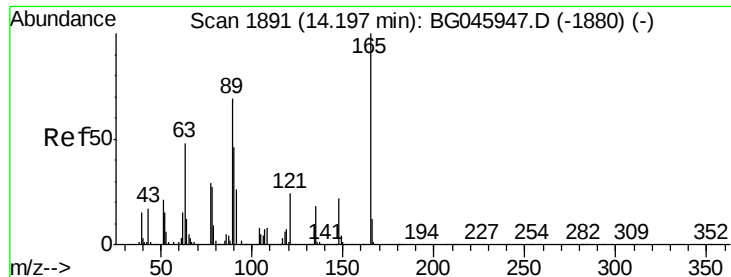
Acq: 8 Jul 2020 17:59

Tgt Ion:	163	Resp:	1124537
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	11.0	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





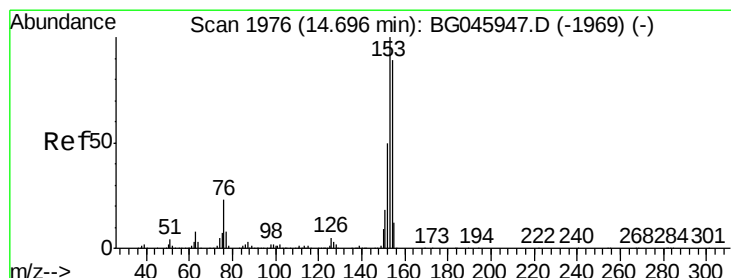
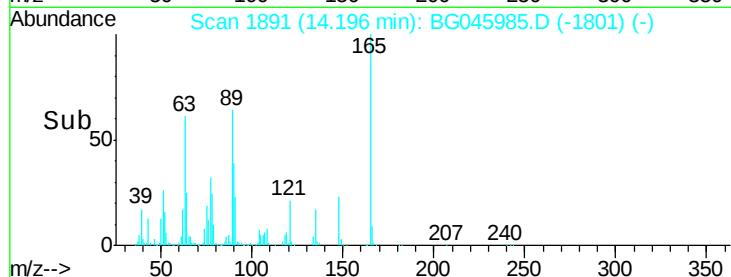
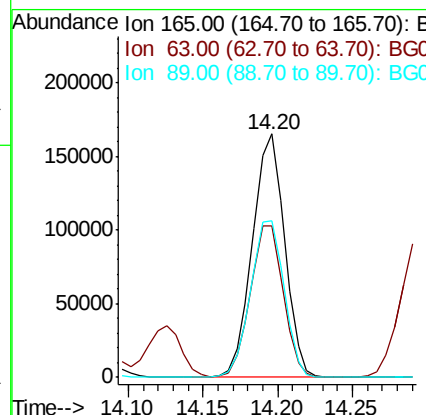
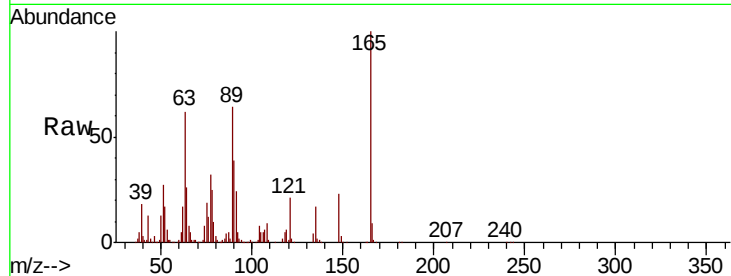
#51
2,6-Dinitrotoluene
Concen: 44.032 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.1	51.0	76.4
89	64.2	55.7	83.5

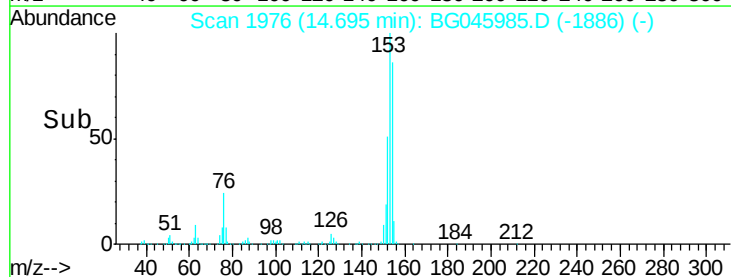
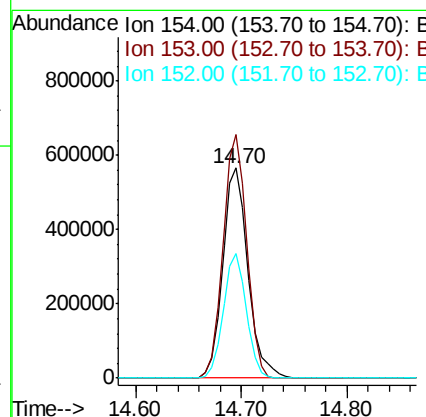
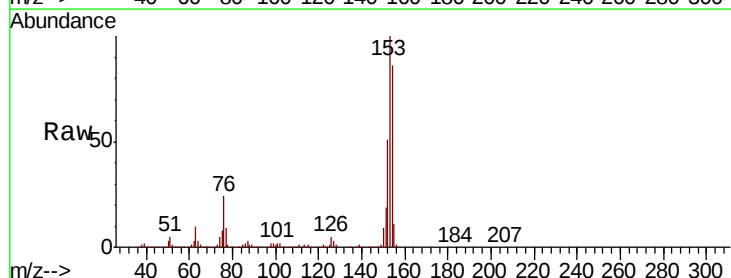
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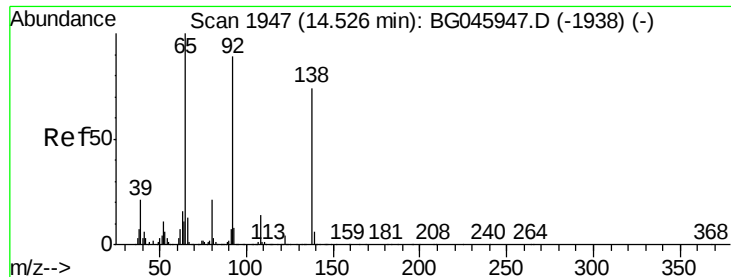
mohammad
7/10/2020 11:45:50 AM



#52
Acenaphthene
Concen: 37.211 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.9	89.7	134.5
152	59.2	44.7	67.1





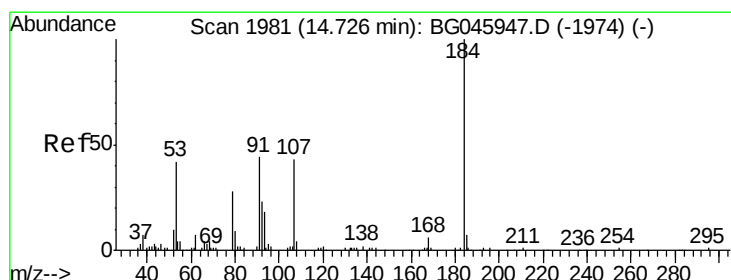
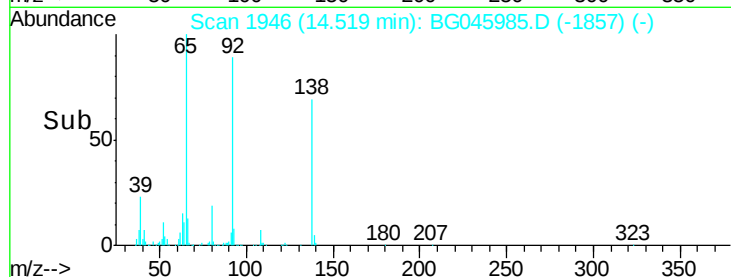
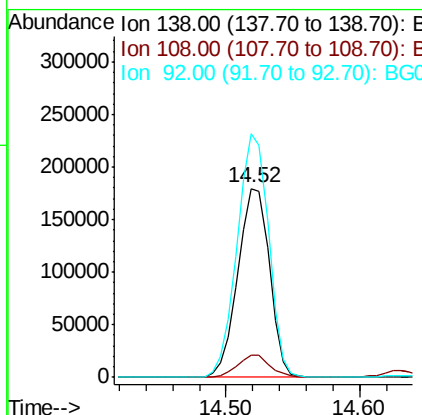
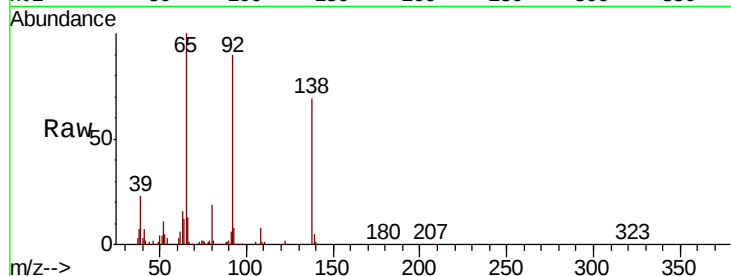
#53
3-Nitroaniline
Concen: 43.155 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	15.4	23.2#
92	129.0	95.9	143.9

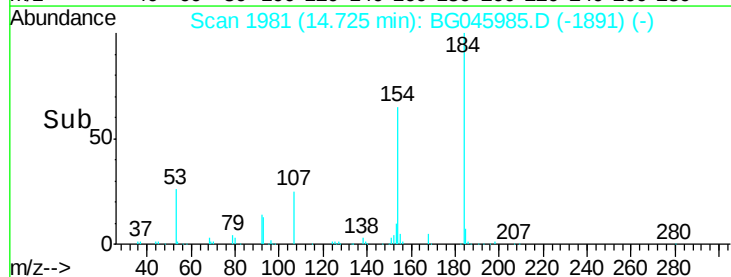
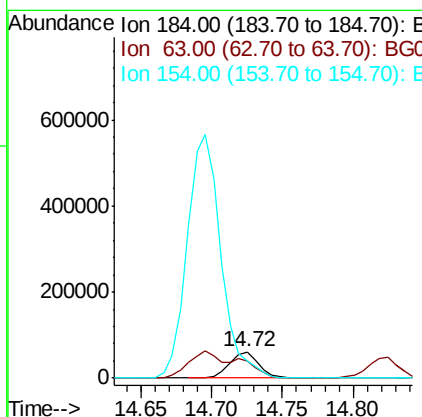
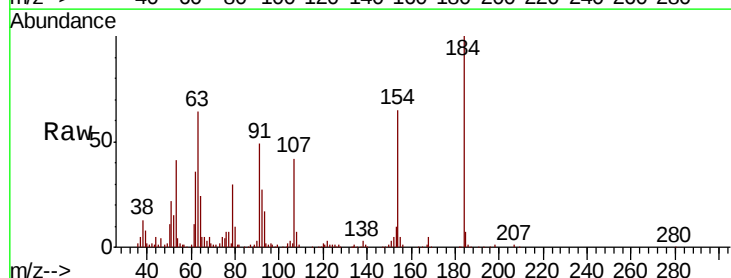
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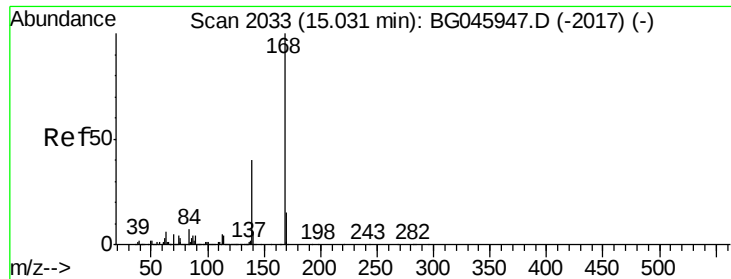
mohammad
7/10/2020 11:45:50 AM



#54
2,4-Dinitrophenol
Concen: 45.050 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.7	46.0	69.0
154	64.9	58.2	87.2





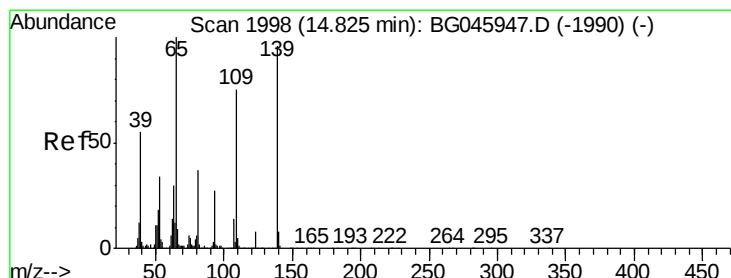
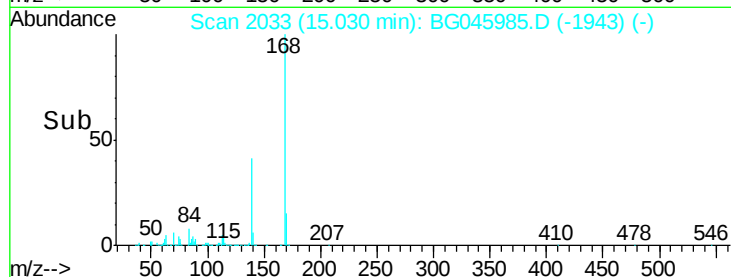
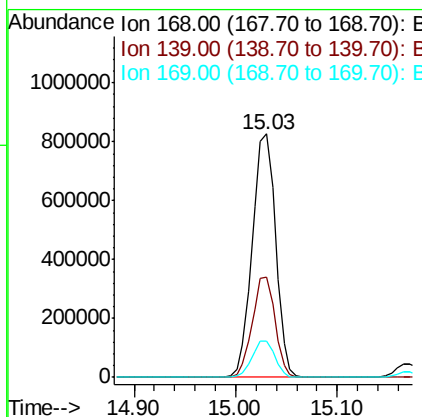
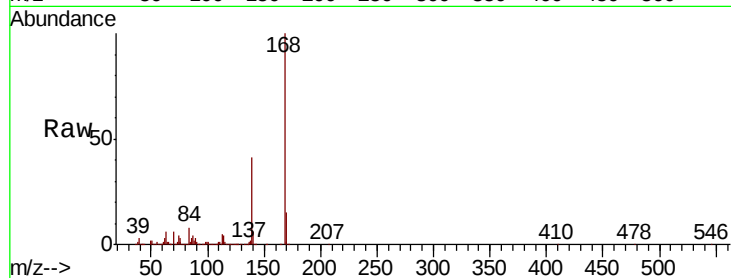
#55
Dibenzofuran
Concen: 35.862 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.2	48.2
169	14.8	11.8	17.8

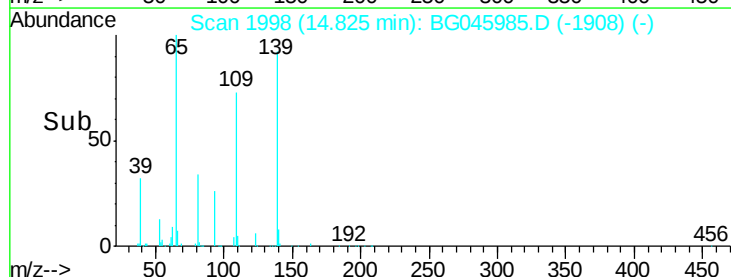
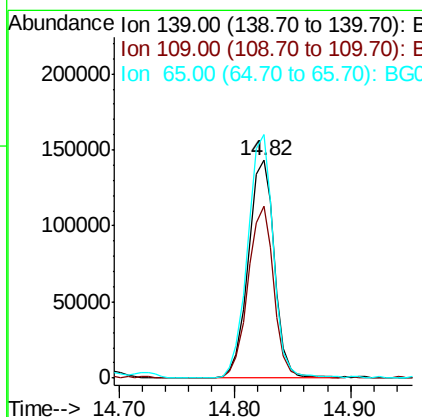
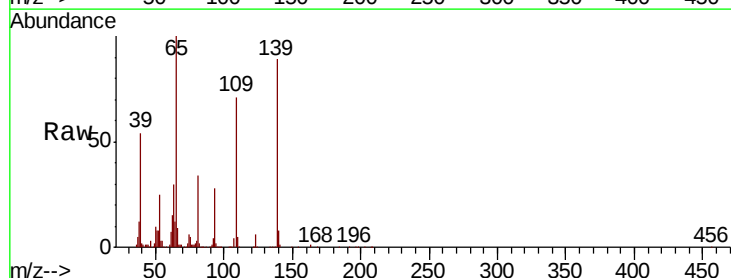
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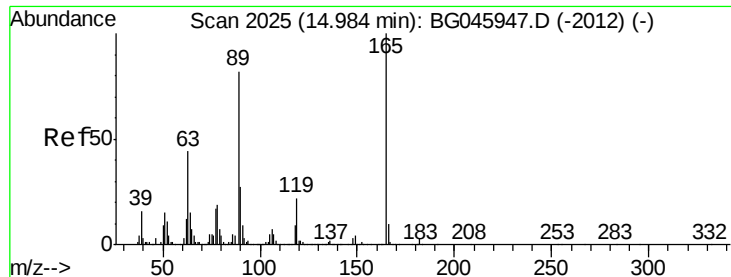
mohammad
7/10/2020 11:45:50 AM



#56
4-Nitrophenol
Concen: 44.055 ng
RT: 14.82 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.1	58.5	98.5
65	111.9	84.7	124.7





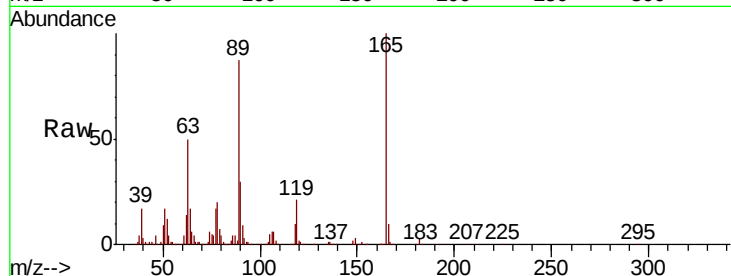
#57
2,4-Dinitrotoluene
Concen: 45.889 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	35.4	53.0
89	86.9	65.4	98.2
182	2.6	2.0	3.0

Manual Integrations
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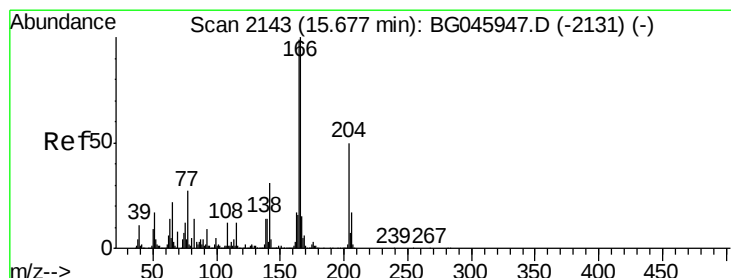
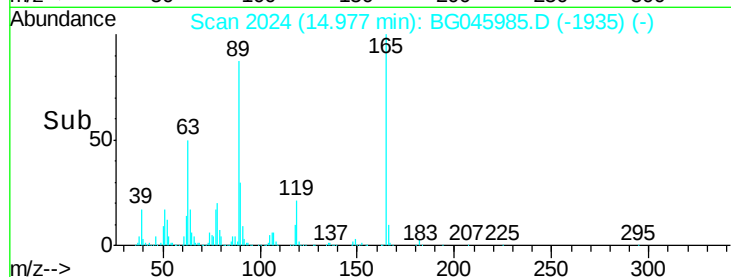
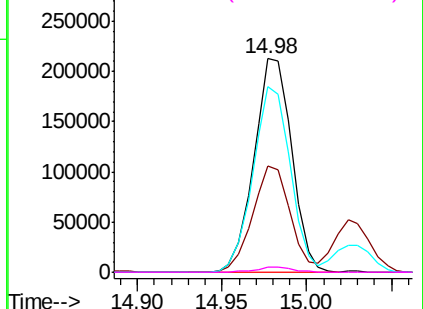
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.532 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

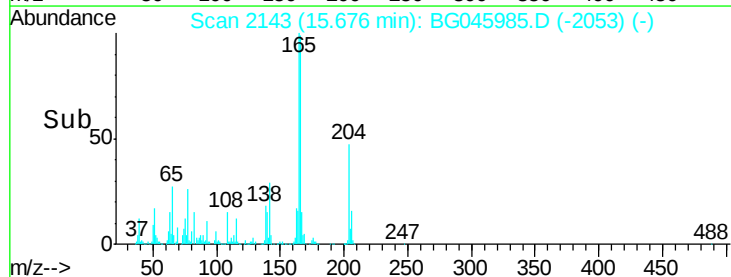
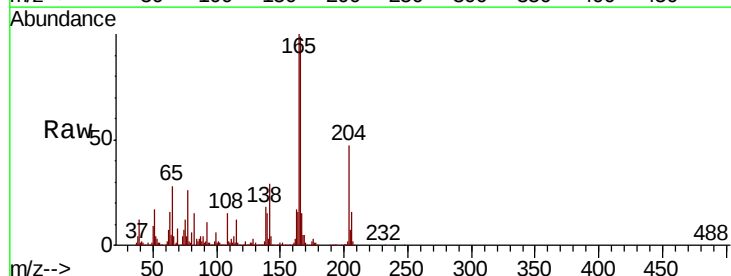
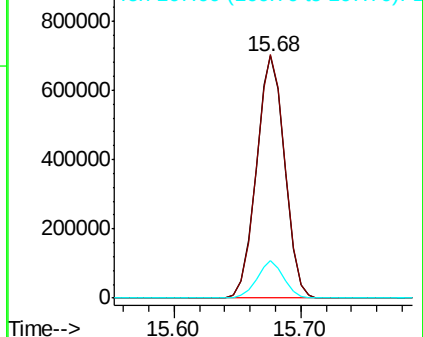
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.9	118.3
167	15.3	12.1	18.1

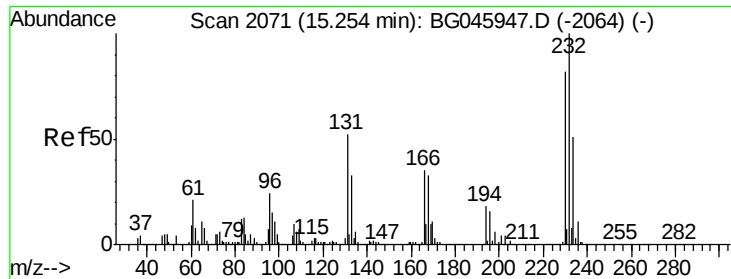
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





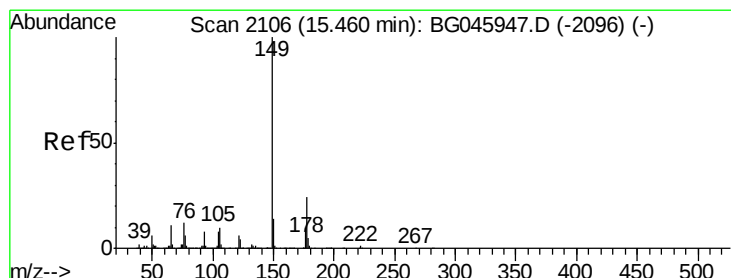
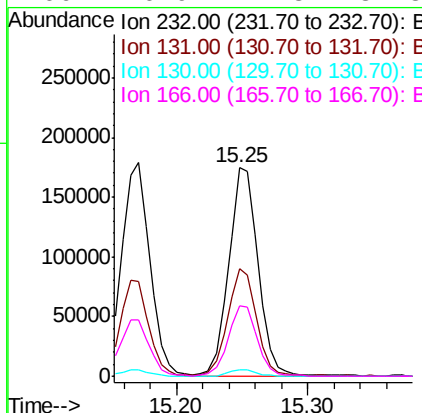
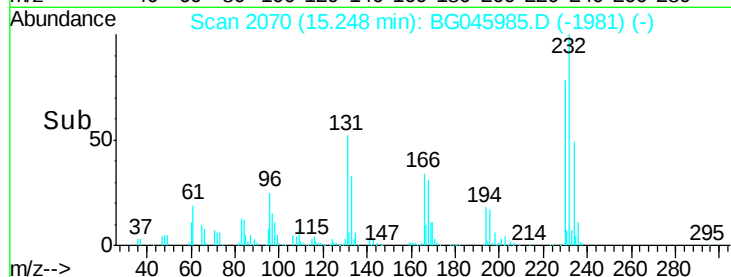
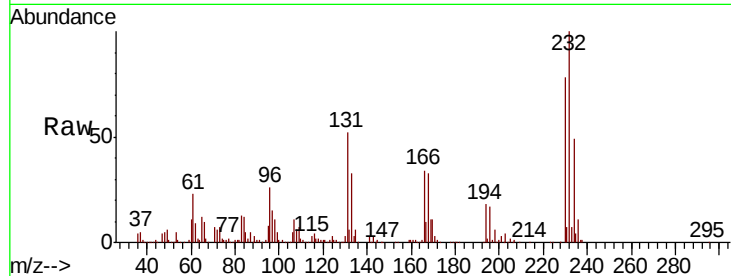
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.213 ng m
RT: 15.25 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.8	53.6
130	2.9	2.5	3.7
166	26.9	21.8	32.8

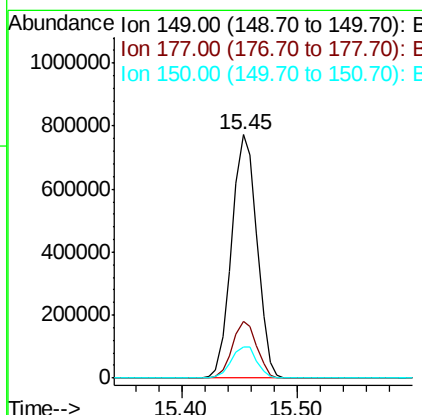
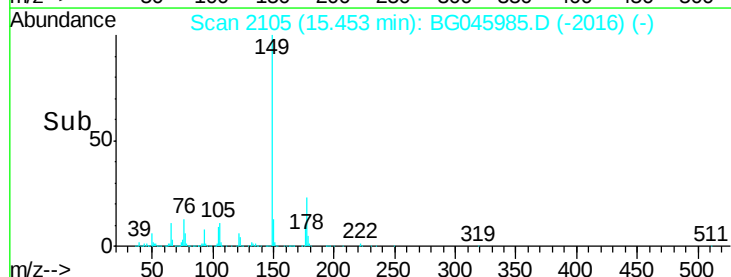
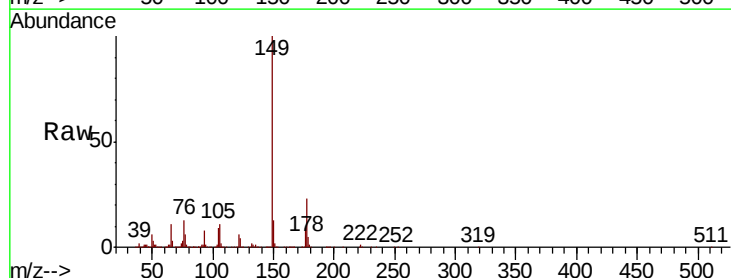
Manual Integrations
APPROVED

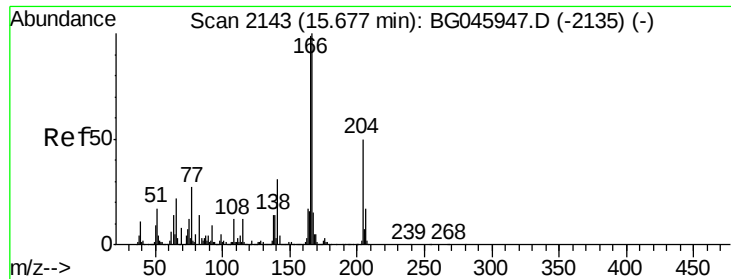
mohammad
7/10/2020 11:45:50 AM



#60
Diethylphthalate
Concen: 35.686 ng
RT: 15.45 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.4
150	13.0	11.0	16.4





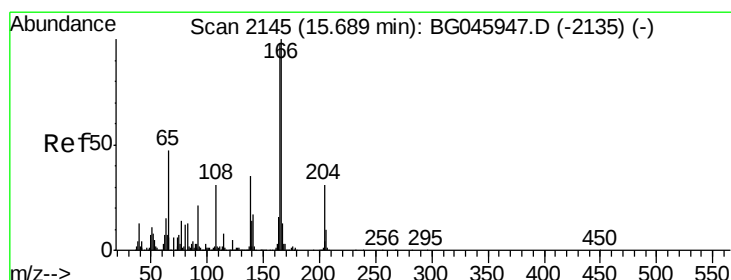
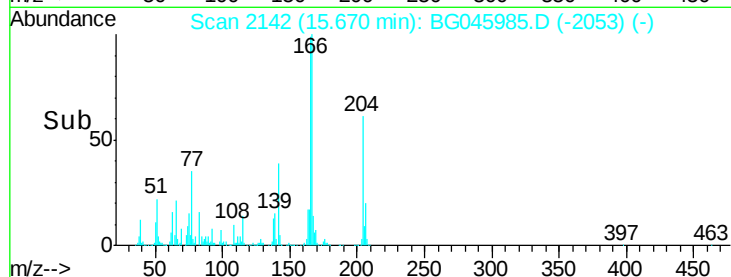
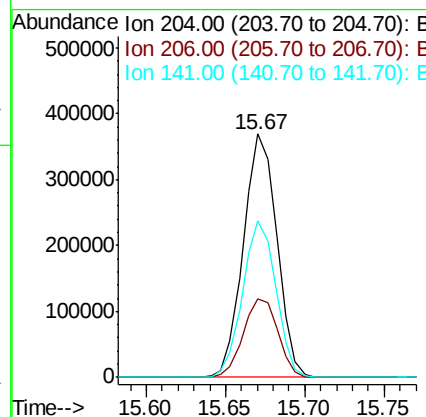
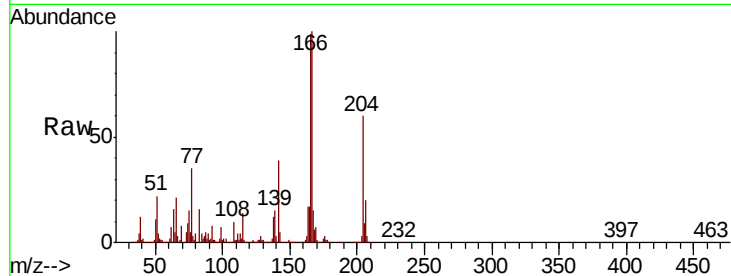
#61
4-Chlorophenyl-phenylether
Concen: 35.884 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.5	27.1	40.7	
141	64.4	49.8	74.8	

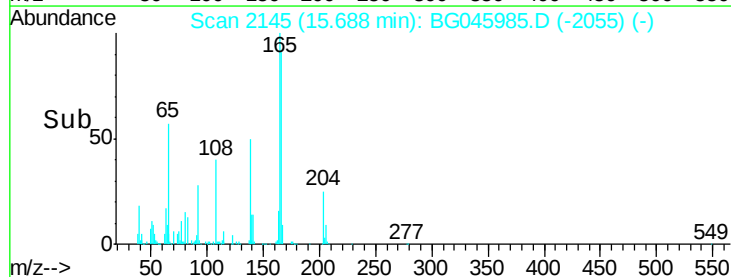
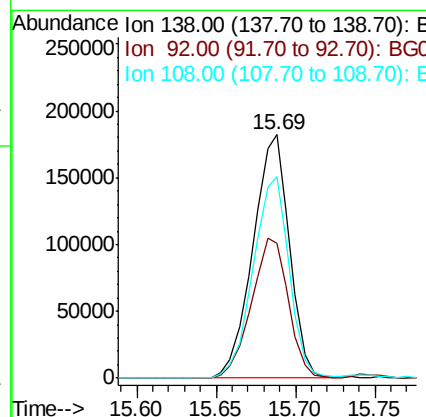
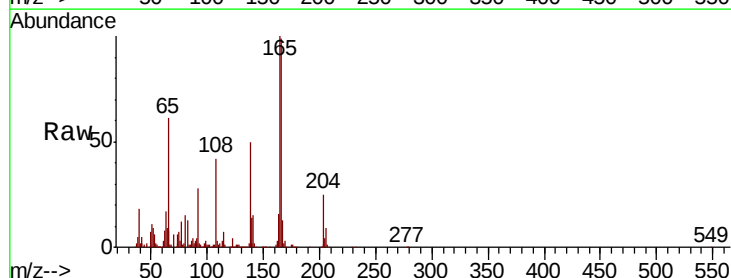
Manual Integrations
APPROVED

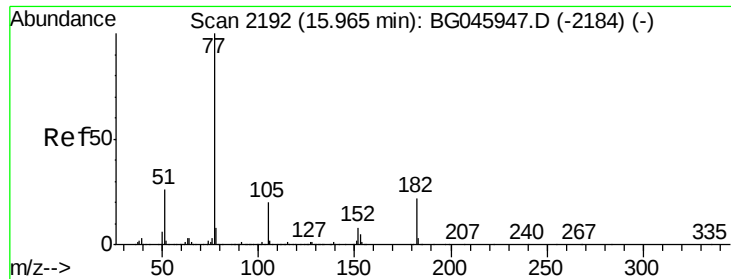
mohammad
7/10/2020 11:45:50 AM



#62
4-Nitroaniline
Concen: 44.930 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.2	40.3	80.3	
108	82.7	68.0	108.0	





#63

Azobenzene

Concen: 36.850 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1301491

Ion Ratio Lower Upper

77 100

182 22.5 2.4 42.4

105 19.5 0.3 40.3

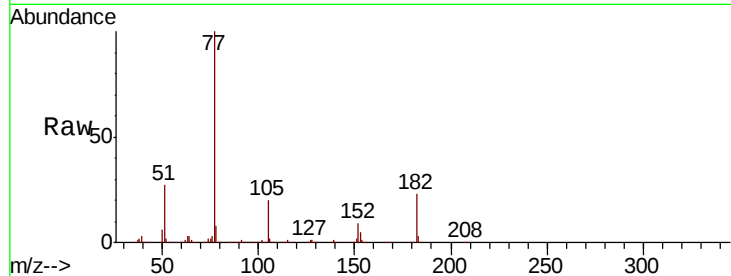
51 26.8 6.3 46.3

Manual Integrations

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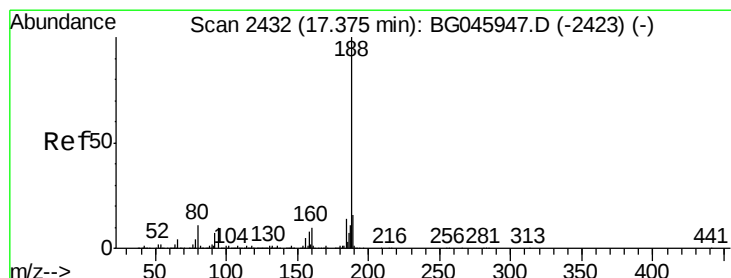
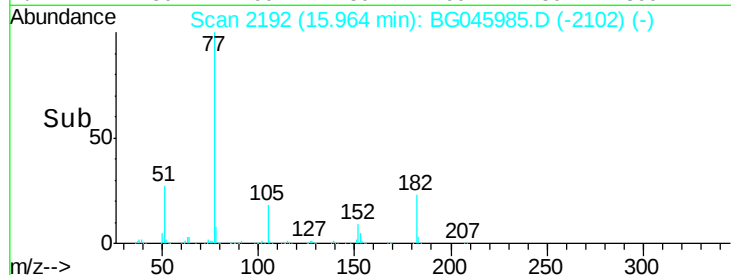
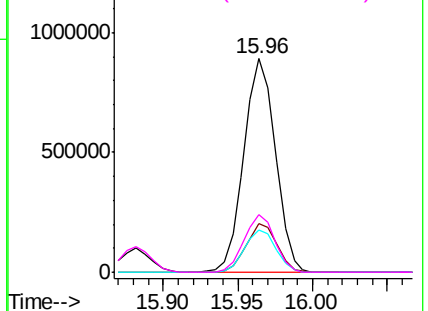


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

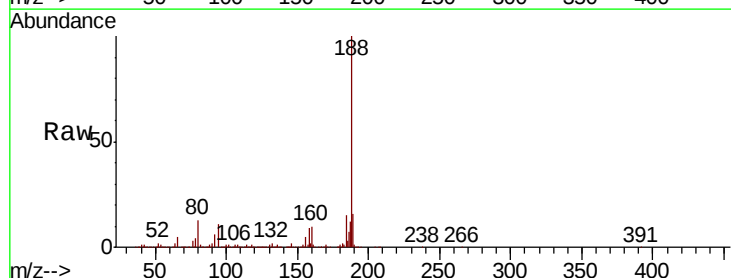
Tgt Ion: 188 Resp: 833080

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.4

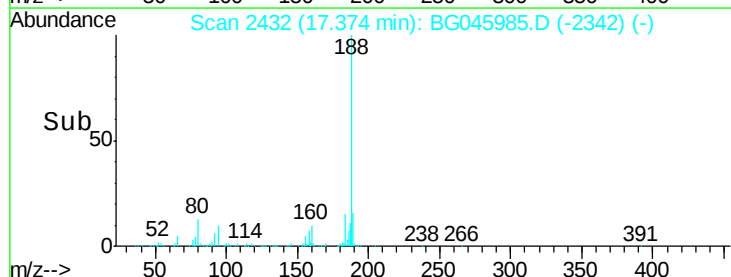
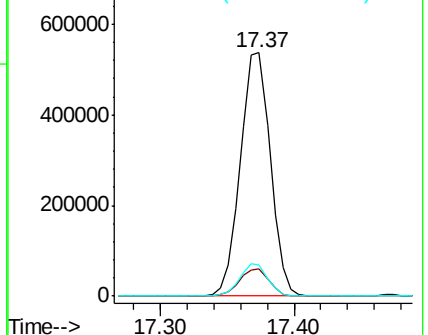
80 12.7 9.0 13.6

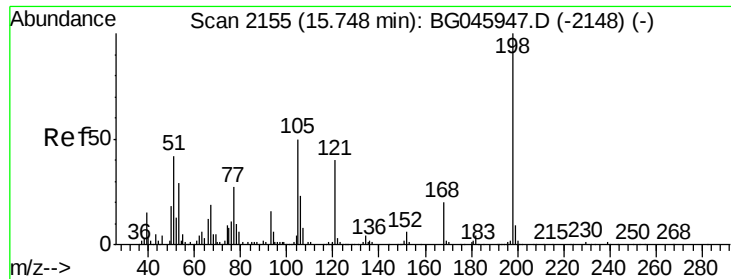


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.575 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 129583

Ion Ratio Lower Upper

198 100

51 50.1 24.5 64.5

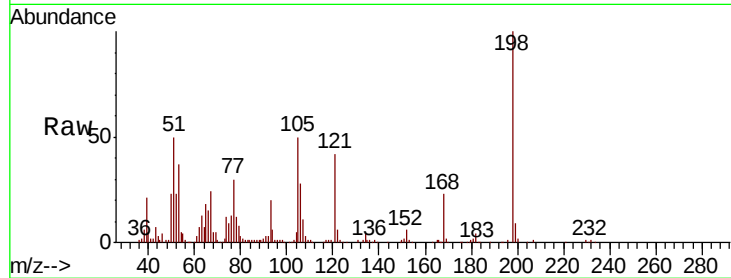
105 50.0 30.9 70.9

Manual Integrations

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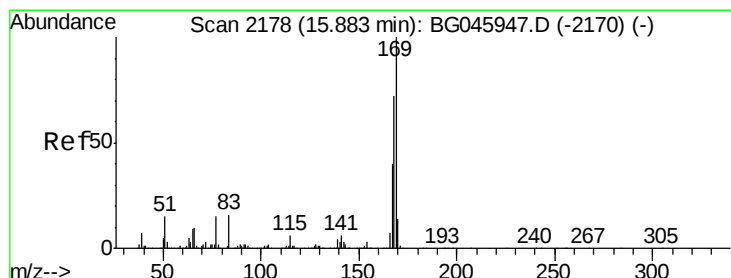
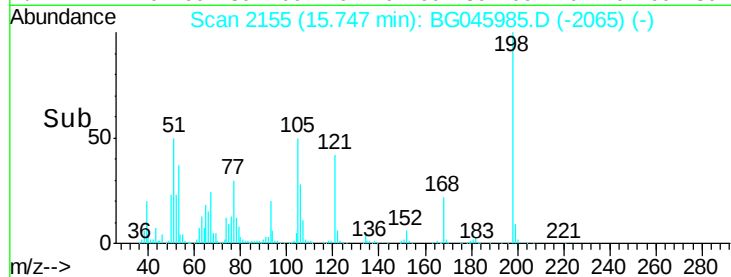
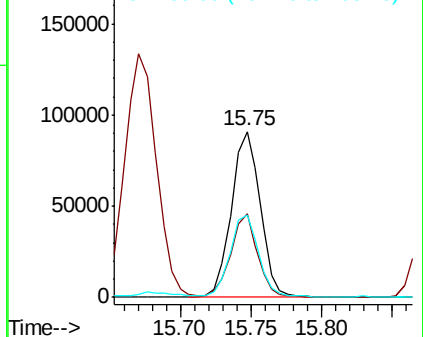
7/10/2020 11:45:50 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.340 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

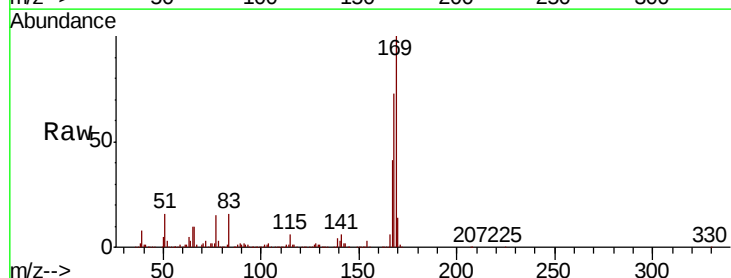
Tgt Ion:169 Resp: 963964

Ion Ratio Lower Upper

169 100

168 73.4 57.3 85.9

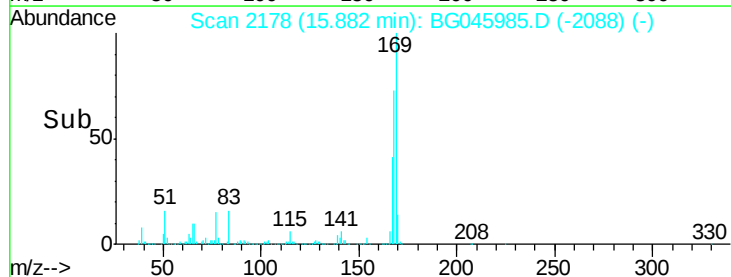
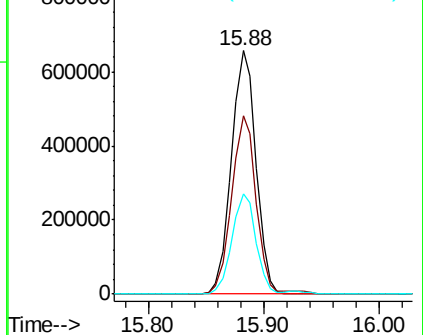
167 41.4 32.1 48.1

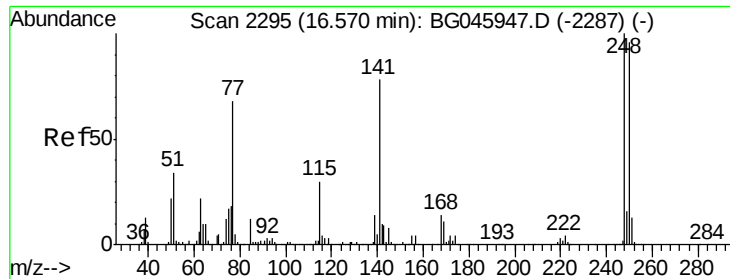


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





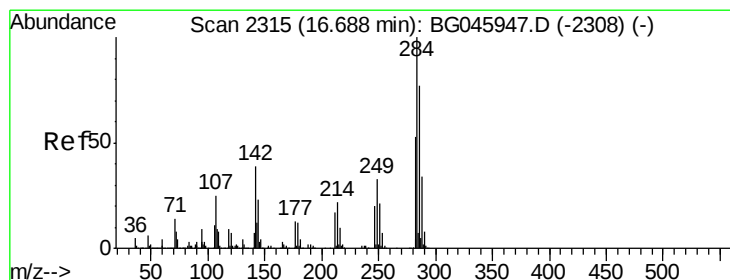
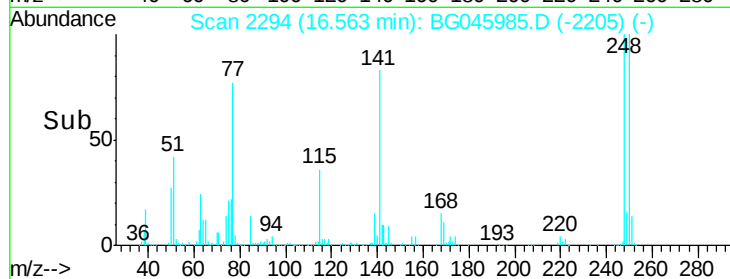
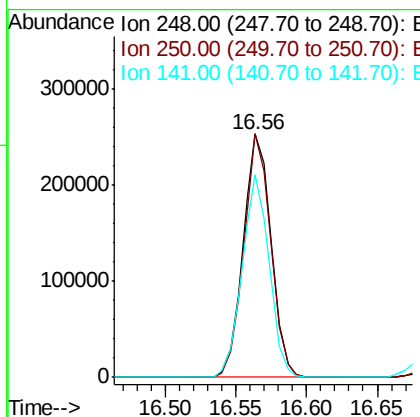
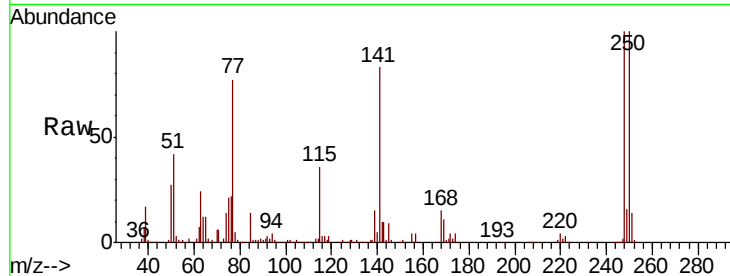
#67
4-Bromophenyl-phenylether
Concen: 37.603 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	76.6	114.8
141	83.2	62.7	94.1

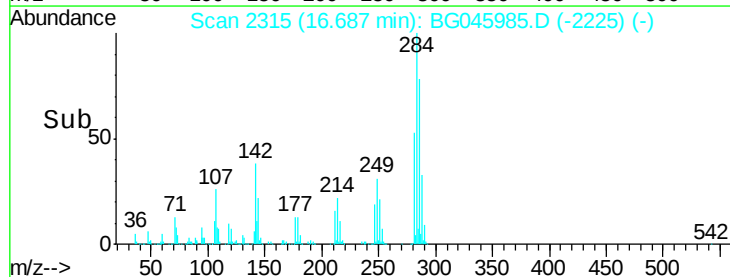
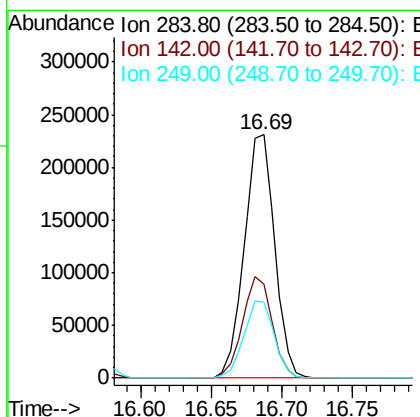
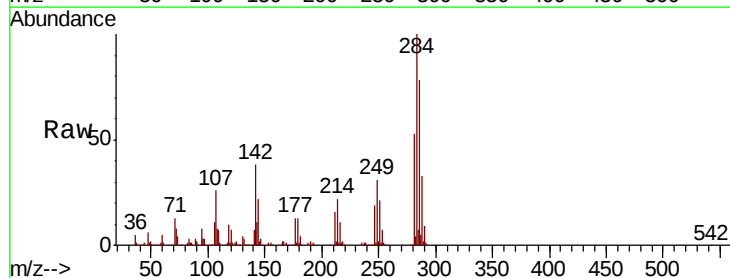
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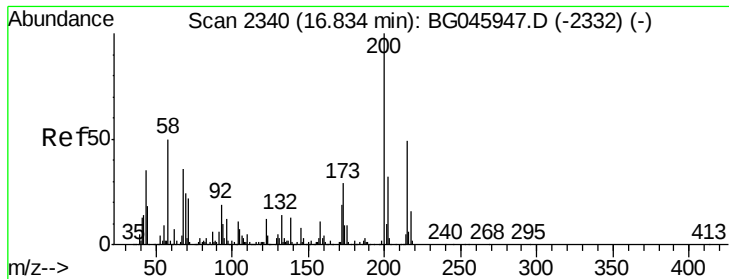
mohammad
7/10/2020 11:45:50 AM



#68
Hexachlorobenzene
Concen: 37.354 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.5	31.3	46.9
249	31.2	26.8	40.2





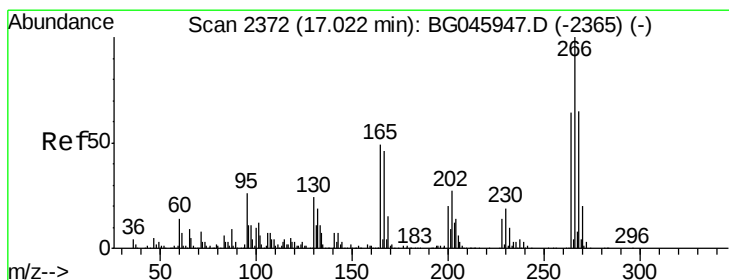
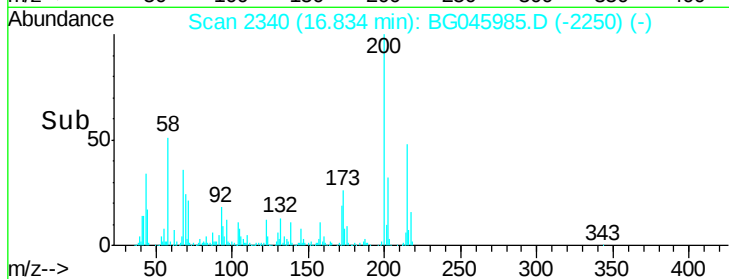
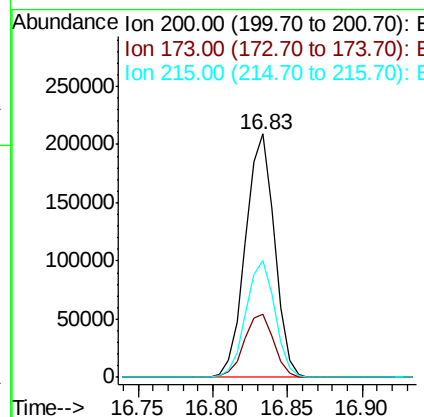
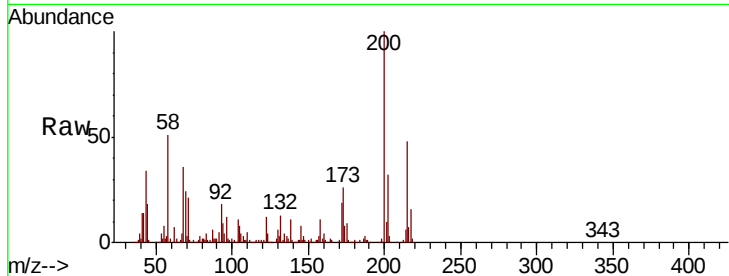
#69
Atrazine
Concen: 36.874 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	9.1	49.1
215	48.2	28.8	68.8

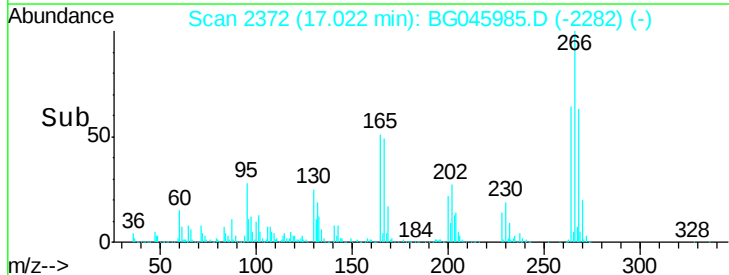
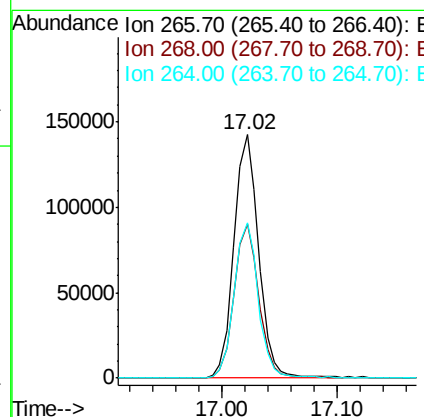
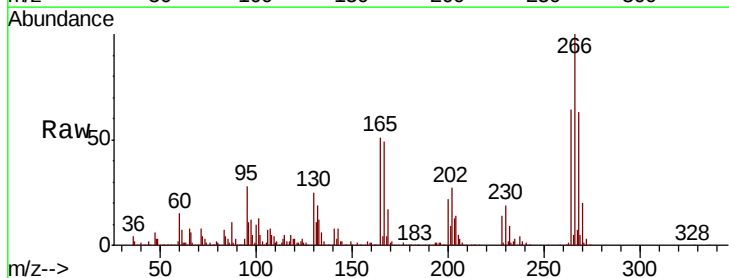
Manual Integrations
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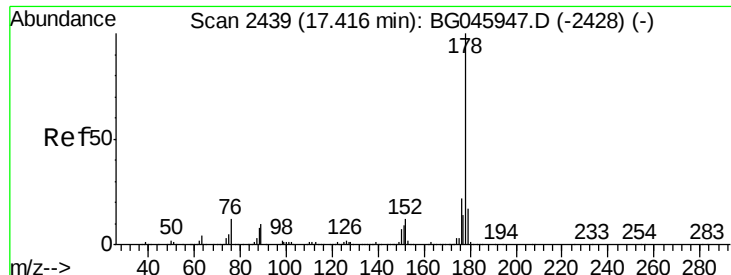
mohammad
7/10/2020 11:45:50 AM



#70
Pentachlorophenol
Concen: 40.792 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	51.8	77.8
264	63.7	51.4	77.0





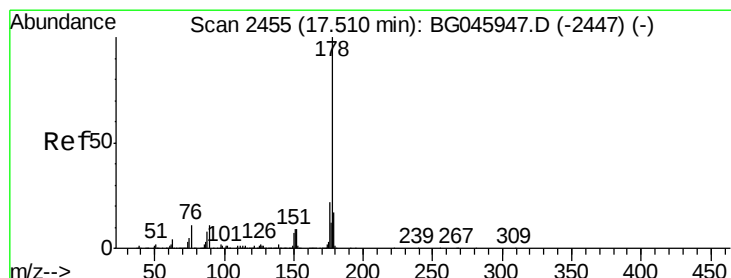
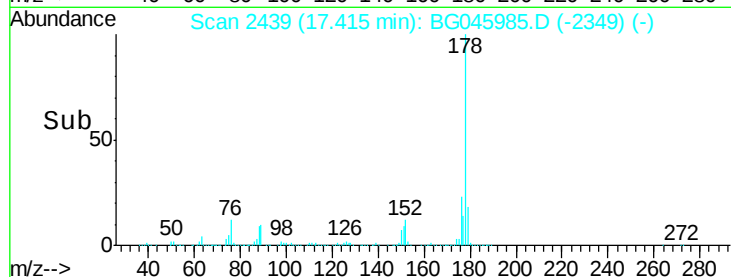
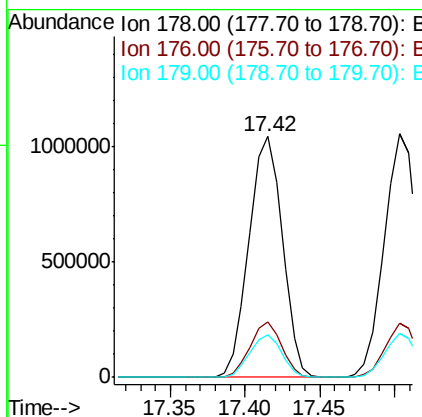
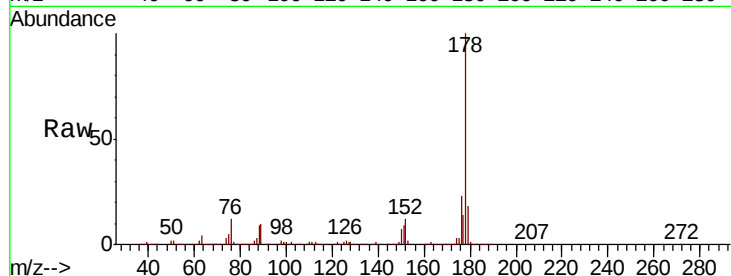
#71
Phenanthrene
Concen: 36.795 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	17.4	26.2
179	17.8	13.4	20.2

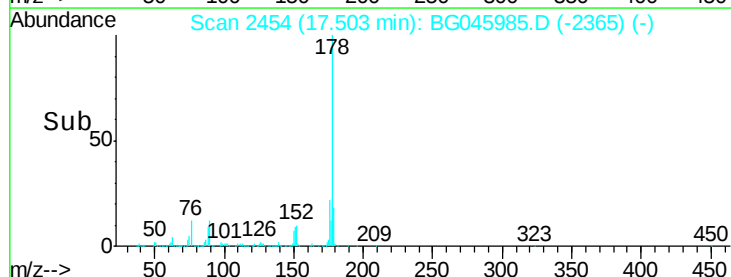
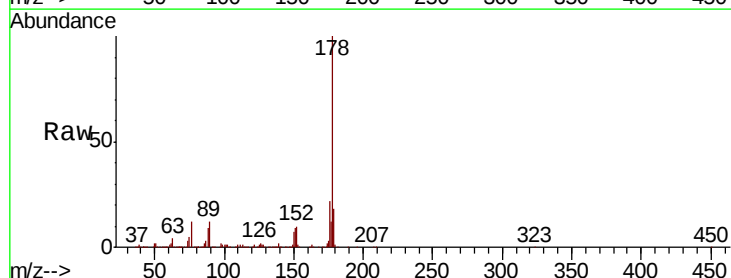
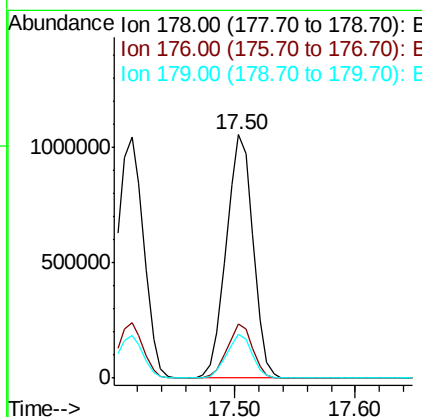
Manual Integrations
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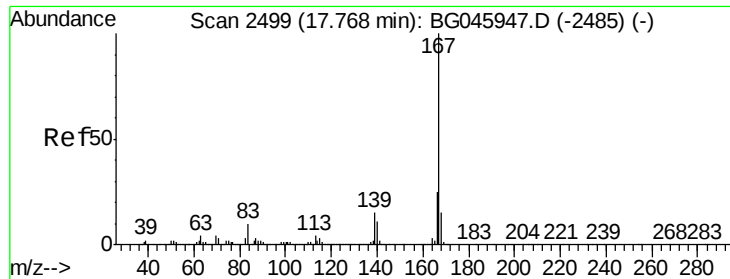
mohammad
7/10/2020 11:45:50 AM



#72
Anthracene
Concen: 36.288 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.3	17.2	25.8
179	17.9	14.0	21.0





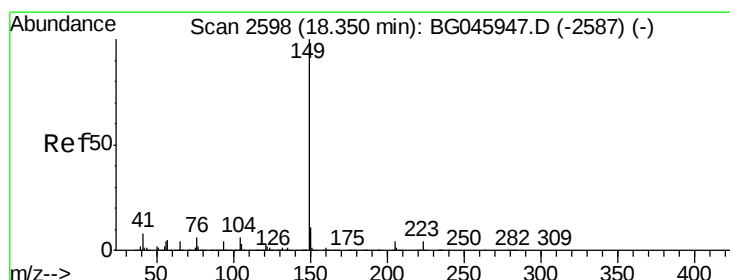
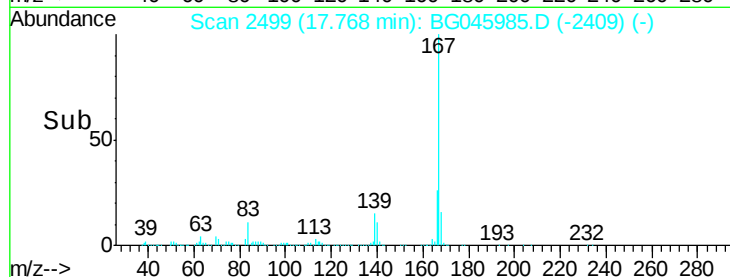
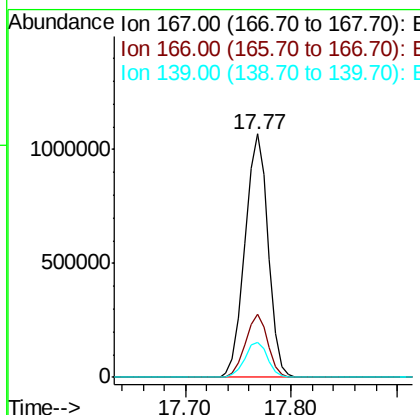
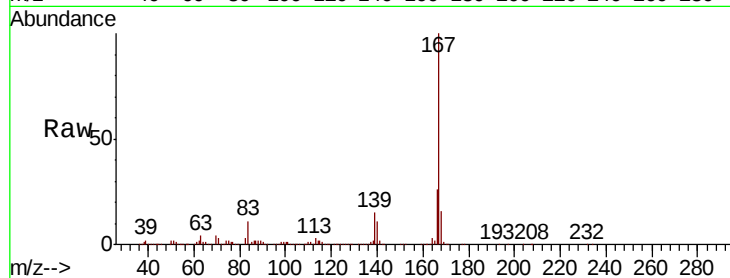
#73
 Carbazole
 Concen: 36.300 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.7	20.4	30.6
139	14.6	11.8	17.8

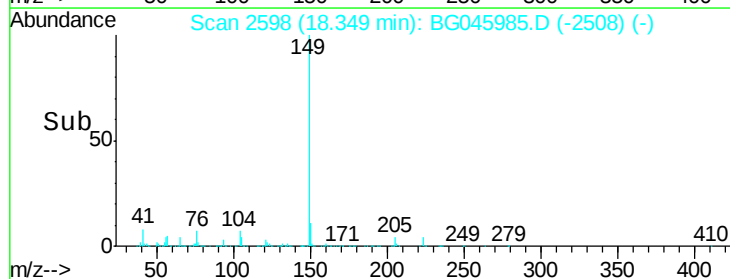
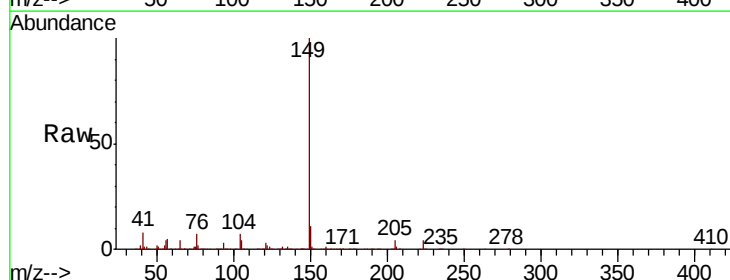
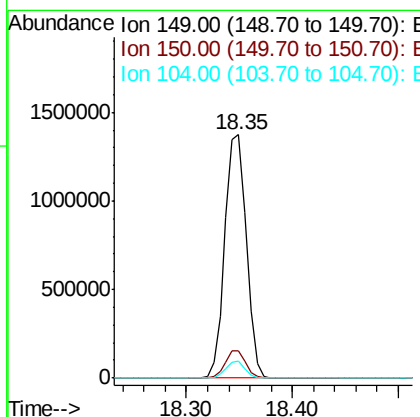
Manual Integrations
 APPROVED

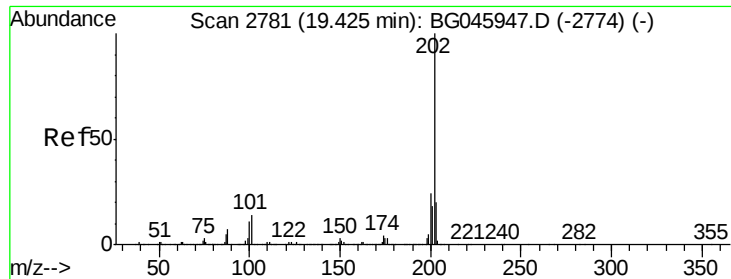
mohammad
 7/10/2020 11:45:50 AM



#74
 Di-n-butylphthalate
 Concen: 35.770 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	9.0	13.4
104	6.8	5.2	7.8





#75

Fluoranthene

Concen: 36.206 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

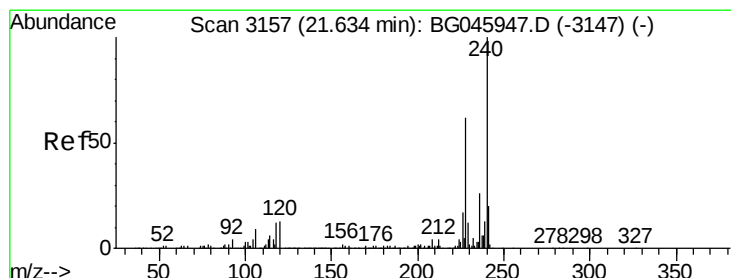
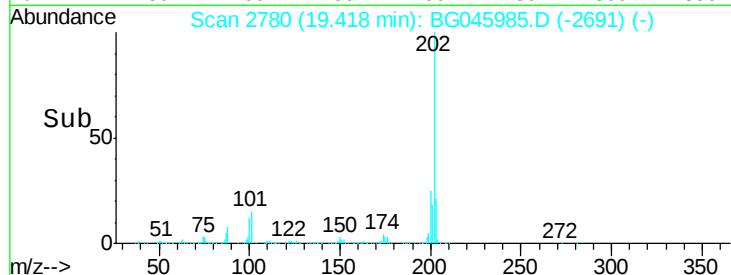
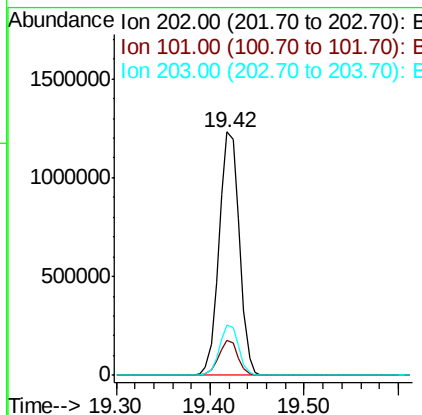
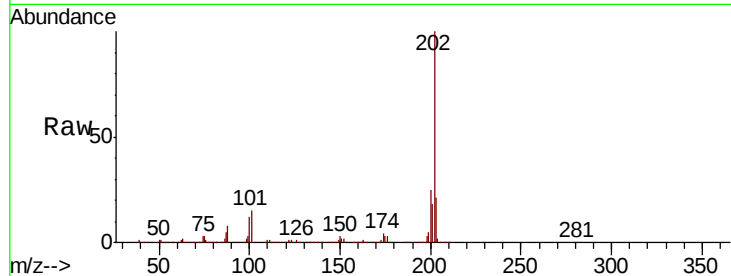
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1843385
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	33.8
203	20.7	0.4	40.4

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#76

Chrysene-d12

Concen: 20.000 ng

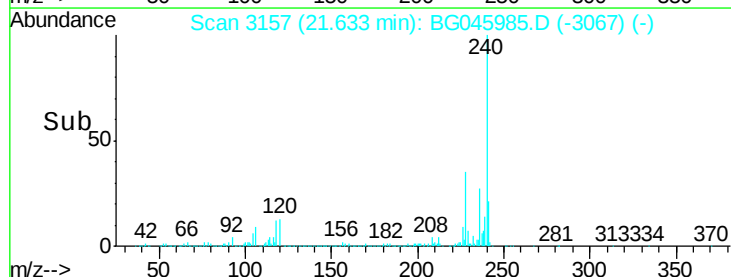
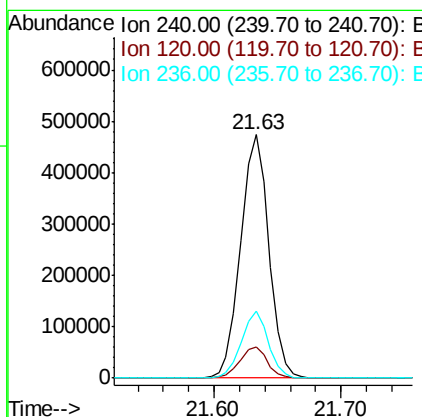
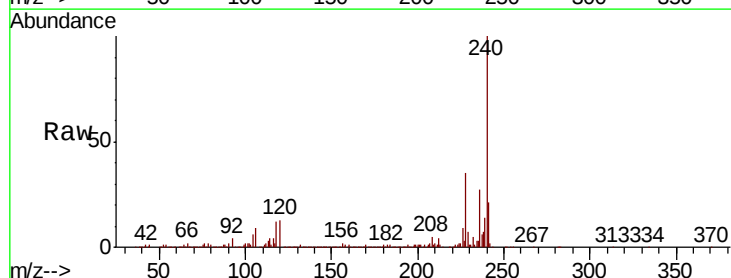
RT: 21.63 min Scan# 3157

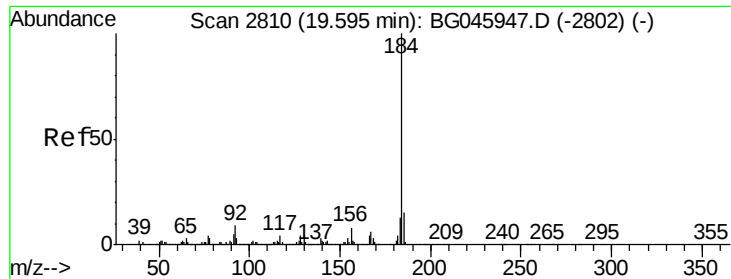
Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion:	240	Resp:	727095
Ion Ratio	Lower	Upper	
240	100		
120	12.9	10.6	16.0
236	27.4	20.4	30.6





#77

Benzidine

Concen: 33.664 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Instrument :

BNA_G

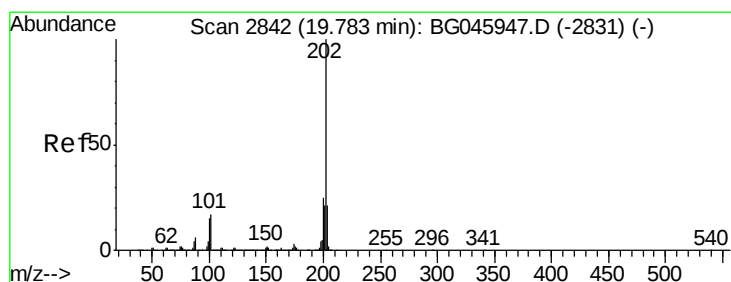
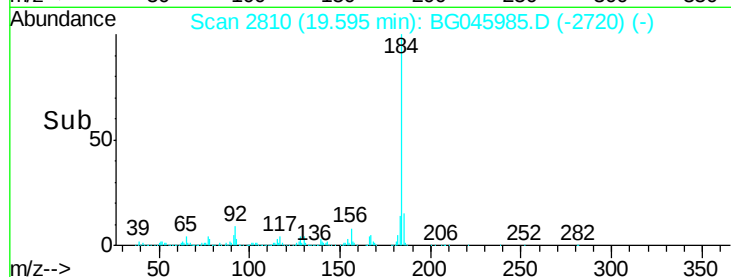
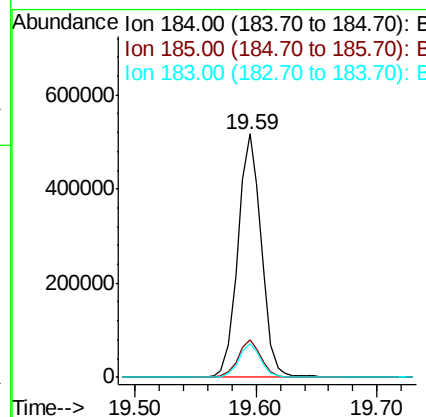
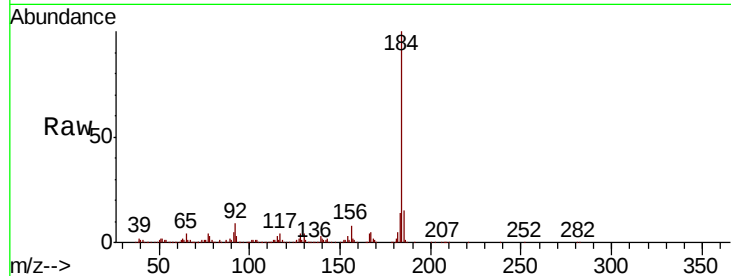
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	699852
Ion Ratio		Lower	Upper
184	100		
185	15.4	11.6	17.4
183	13.7	10.4	15.6

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#78

Pyrene

Concen: 37.283 ng

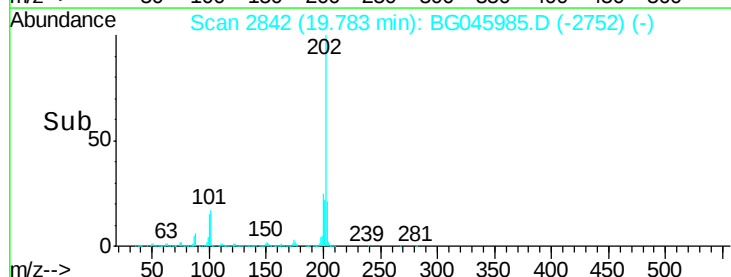
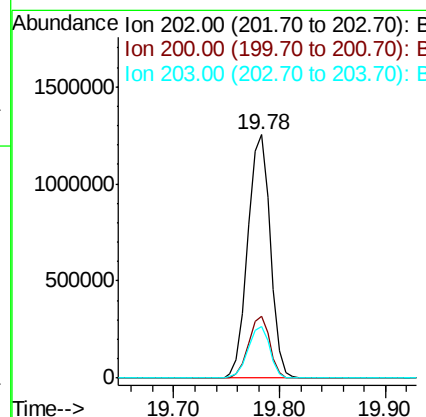
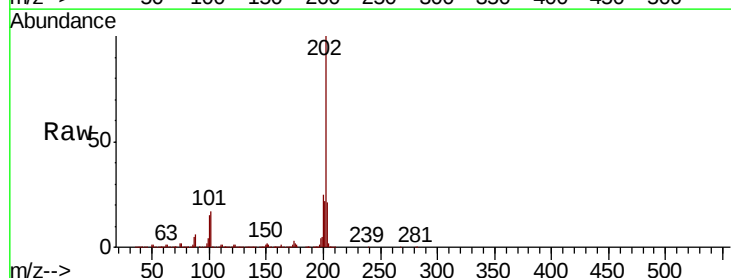
RT: 19.78 min Scan# 2842

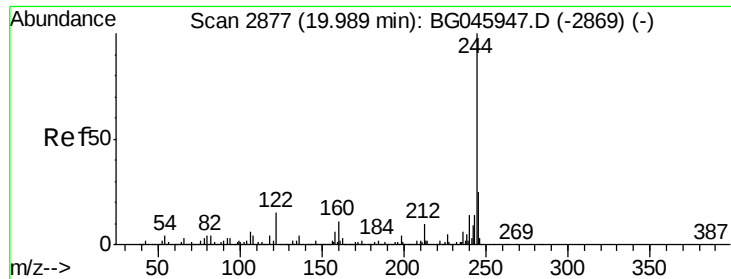
Delta R.T. -0.00 min

Lab File: BG045985.D

Acq: 8 Jul 2020 17:59

Tgt Ion:	202	Resp:	1850403
Ion Ratio		Lower	Upper
202	100		
200	25.4	20.1	30.1
203	21.0	16.5	24.7





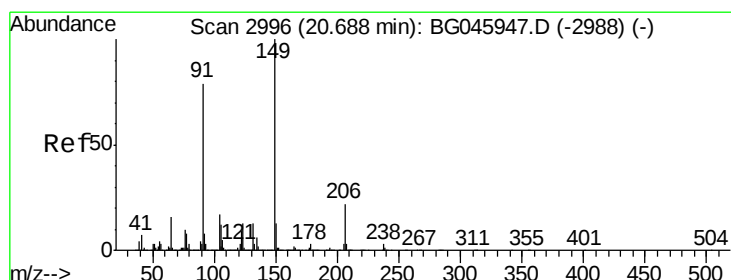
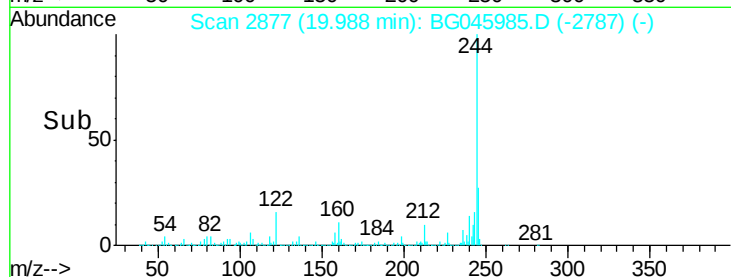
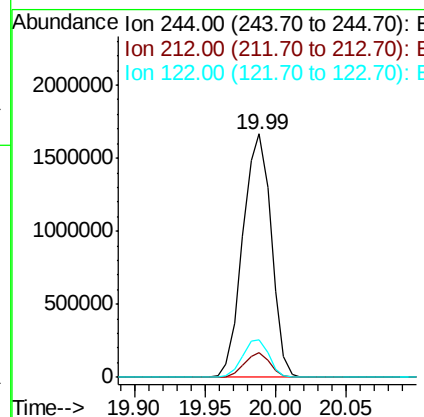
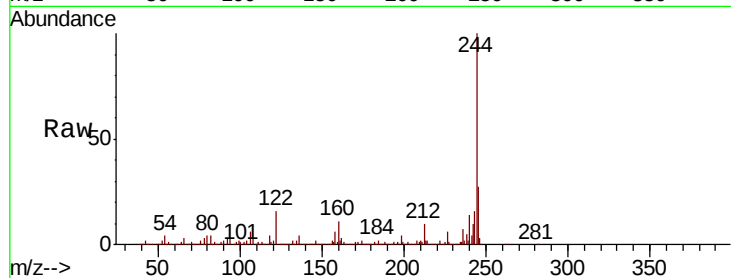
#79
 Terphenyl-d14
 Concen: 71.814 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.3	12.5
122	15.5	12.1	18.1

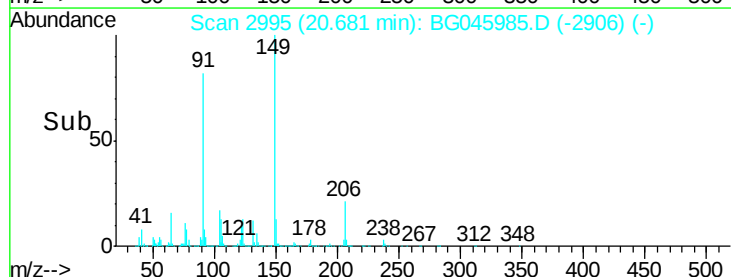
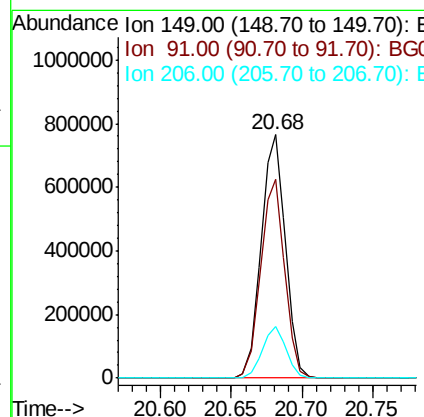
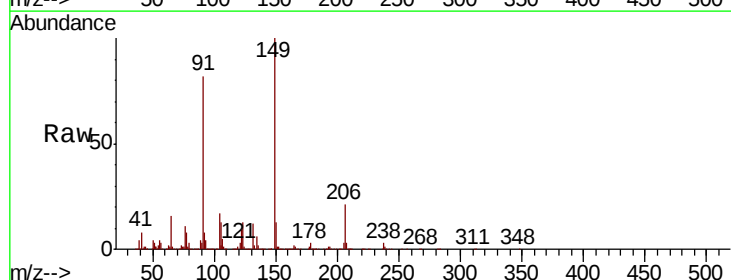
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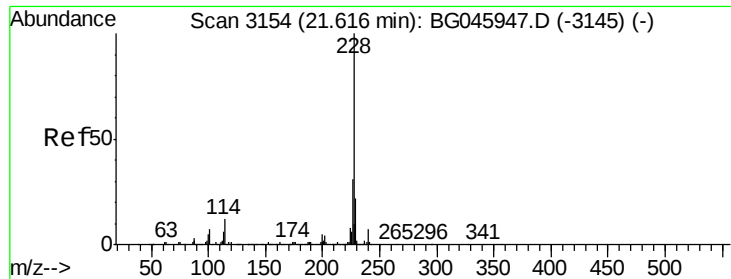
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.420 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.01 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.7	63.1	94.7
206	21.3	17.4	26.0





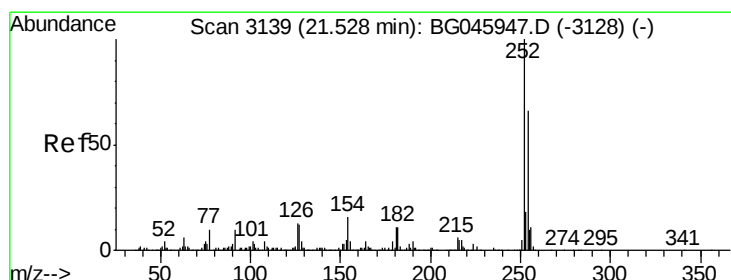
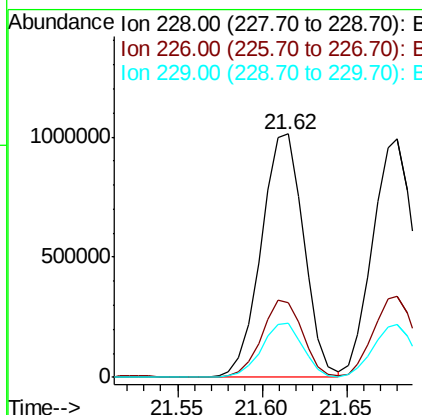
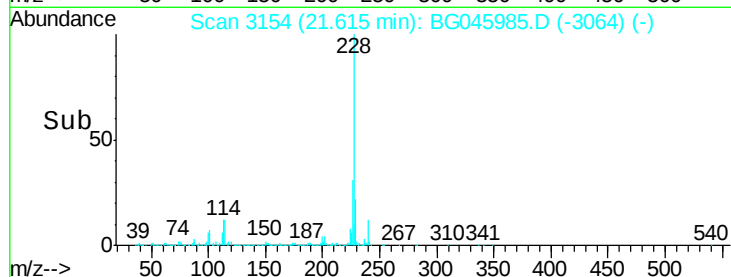
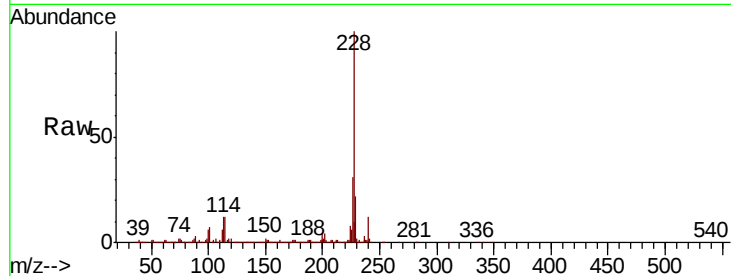
#81
Benzo(a)anthracene
Concen: 36.880 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	22.4	17.8	26.8

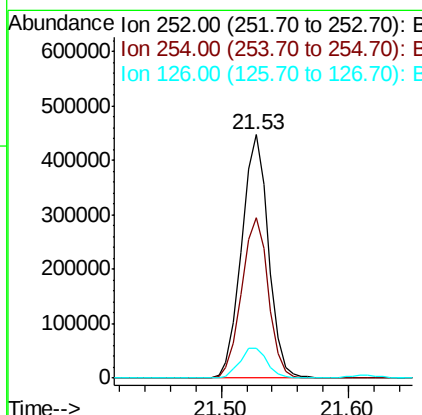
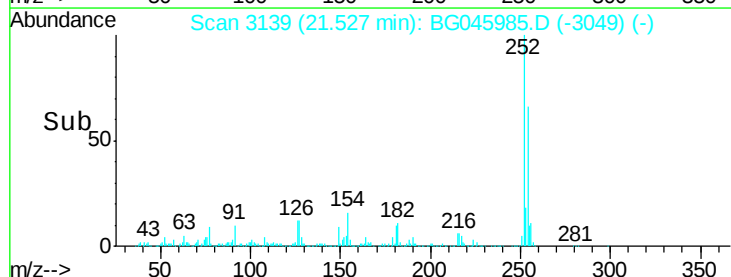
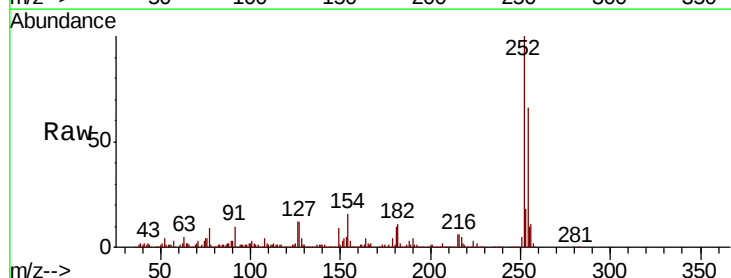
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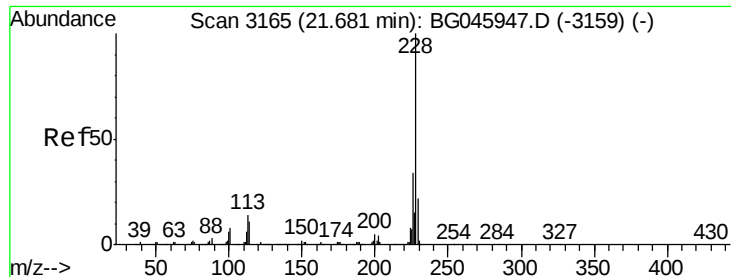
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 37.135 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.9	79.3
126	12.1	10.4	15.6





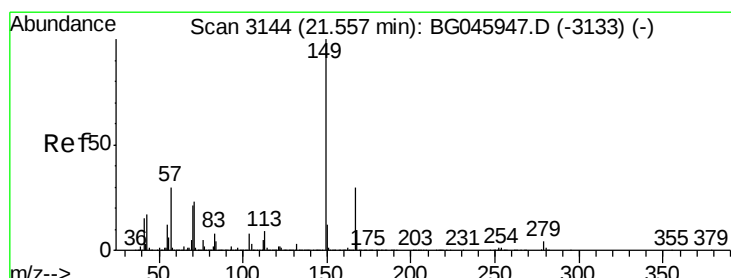
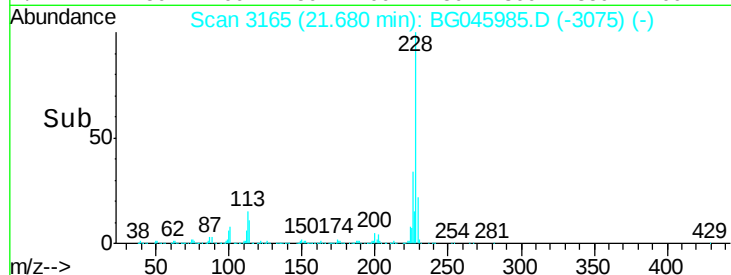
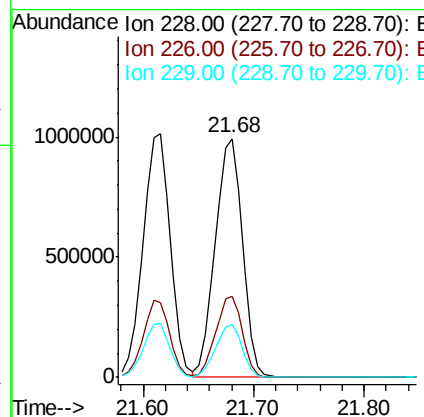
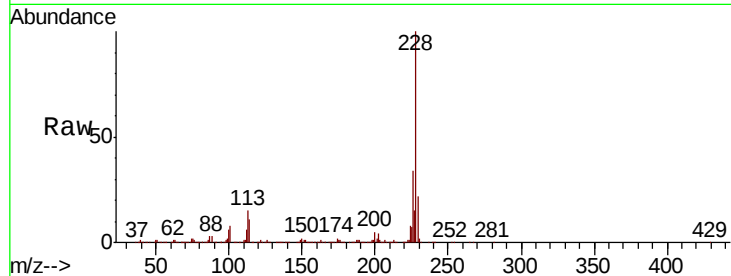
#83
 Chrvsene
 Concen: 36.989 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.7	40.1
229	22.4	17.3	25.9

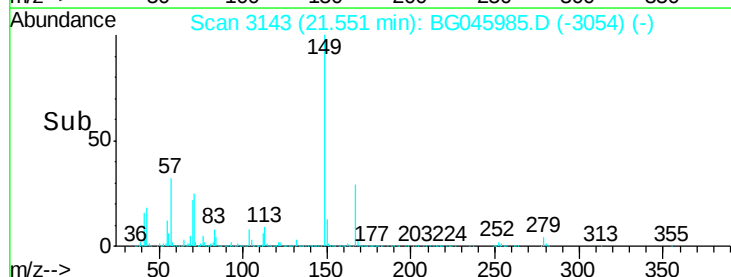
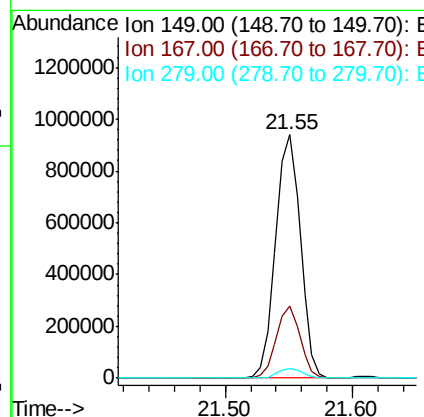
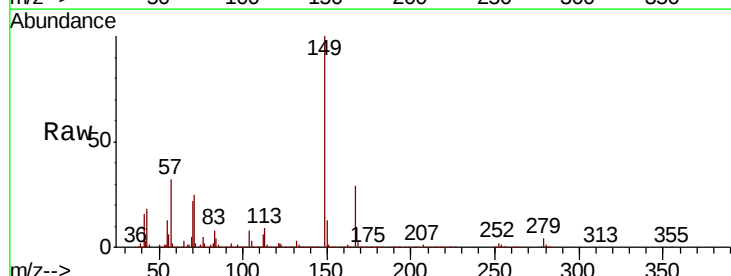
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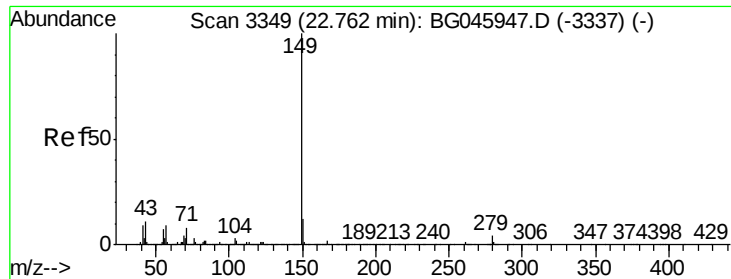
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.588 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.8	35.8
279	4.0	3.5	5.3





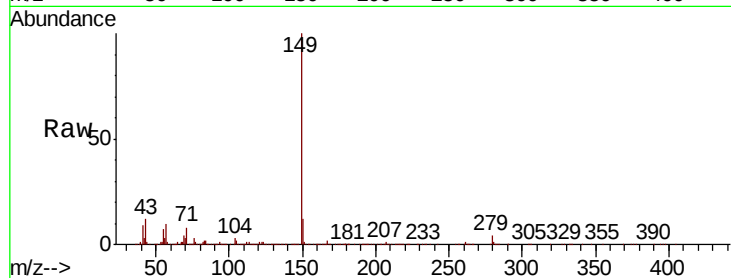
#85
Di-n-octyl phthalate
Concen: 37.639 ng
RT: 22.75 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

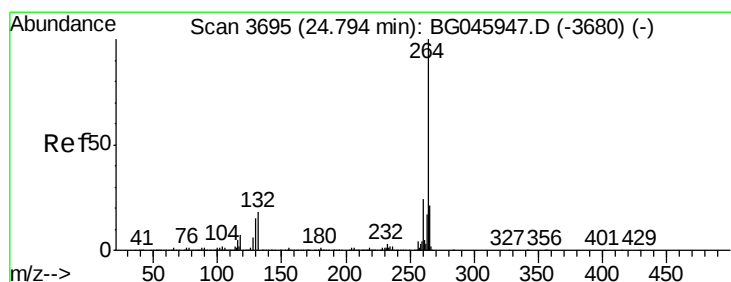
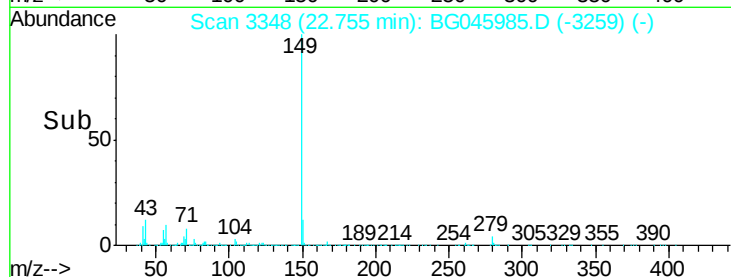
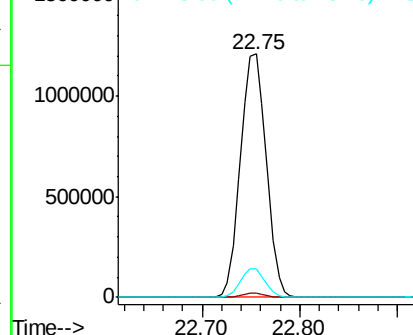
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.3	8.6	12.8

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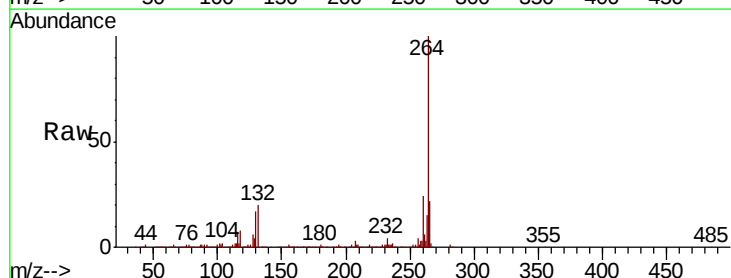


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

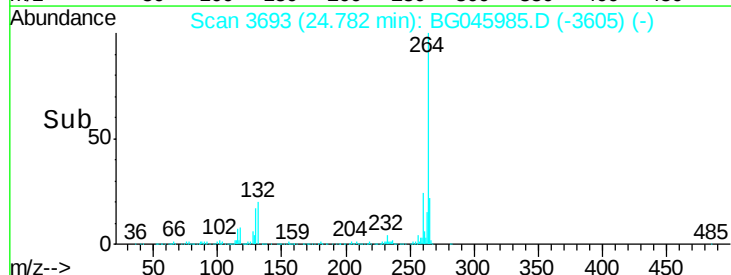
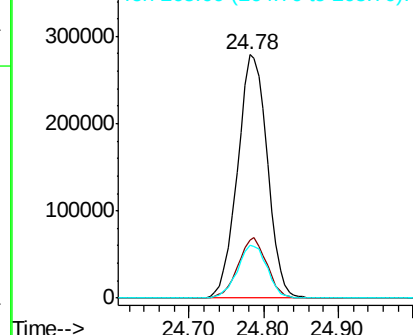


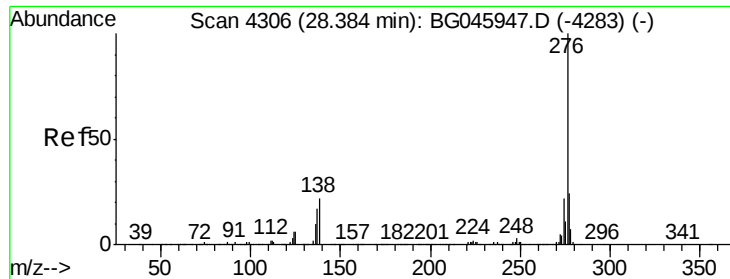
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.9	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





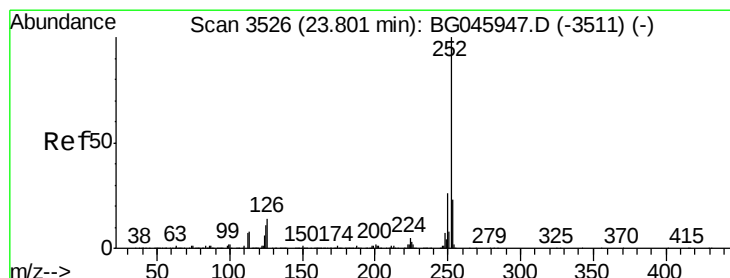
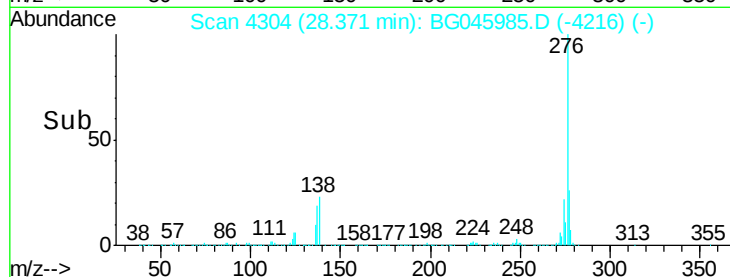
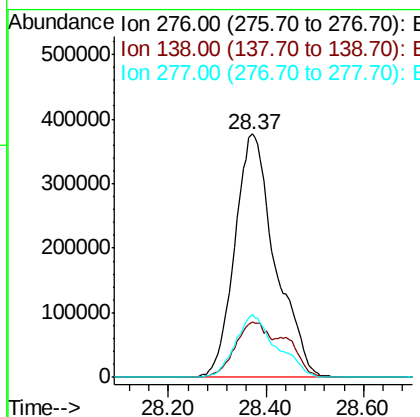
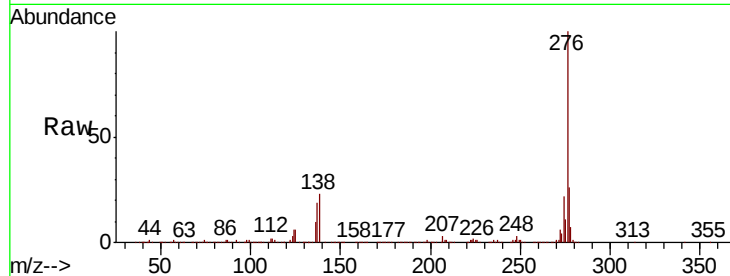
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.278 ng
 RT: 28.37 min Scan# 4304
 Delta R.T. -0.01 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.4	24.6
277	26.2	20.6	31.0

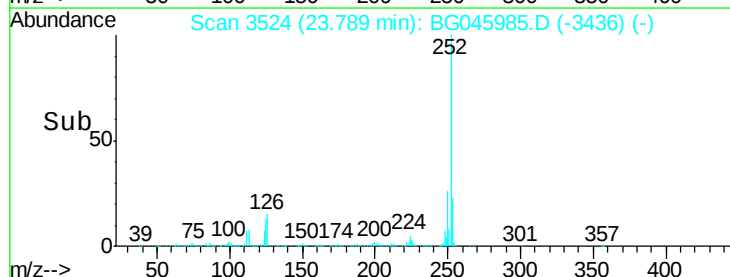
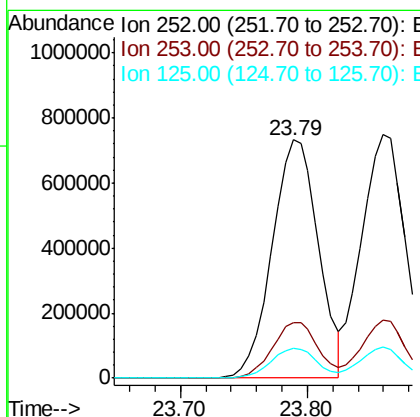
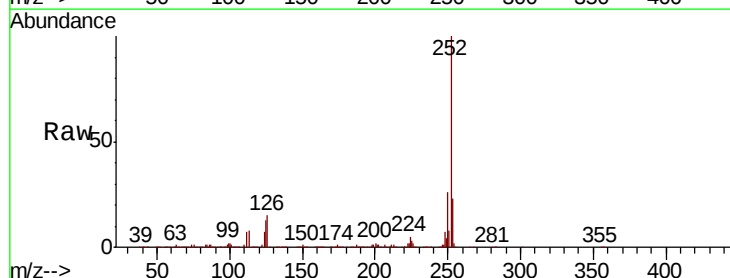
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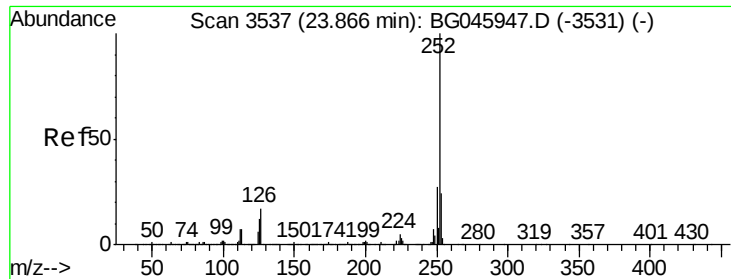
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 37.913 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG045985.D
 Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	12.7	9.2	13.8





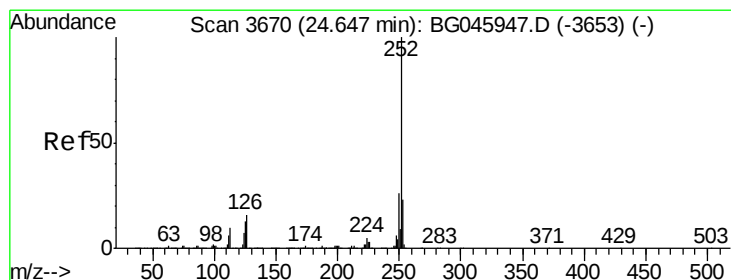
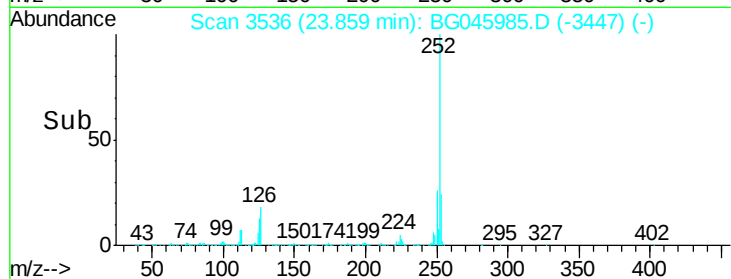
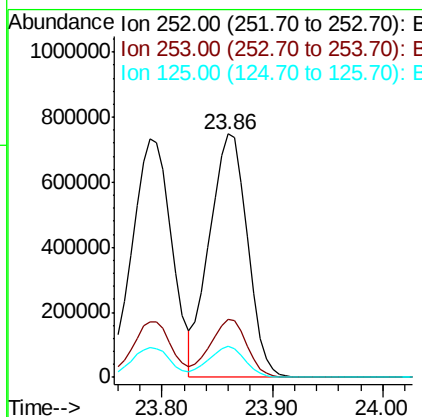
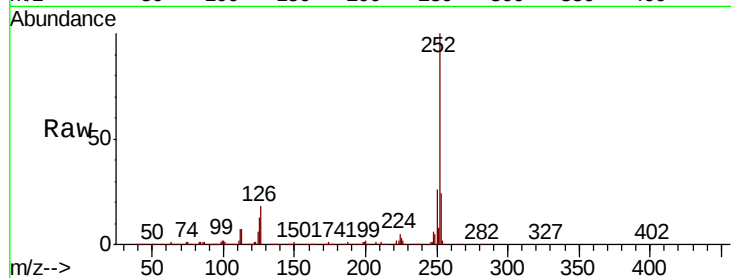
#89
Benzo(k)fluoranthene
Concen: 38.504 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1783419
Ion Ratio Lower Upper
252 100
253 24.0 18.9 28.3
125 12.5 9.6 14.4

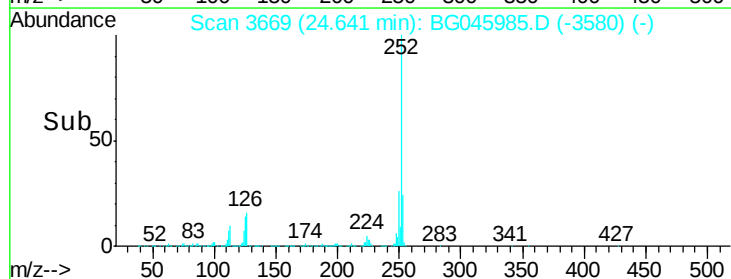
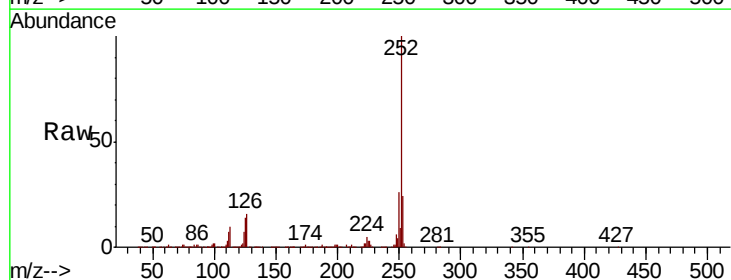
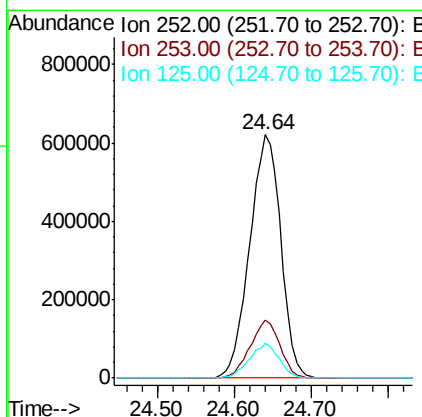
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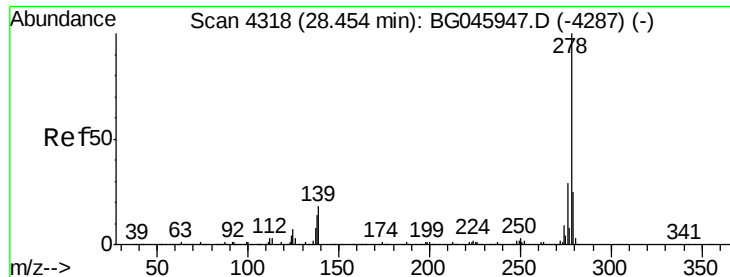
mohammad
7/10/2020 11:45:50 AM



#90
Benzo(a)pyrene
Concen: 38.142 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion:252 Resp: 1756883
Ion Ratio Lower Upper
252 100
253 23.7 18.6 28.0
125 14.3 10.5 15.7





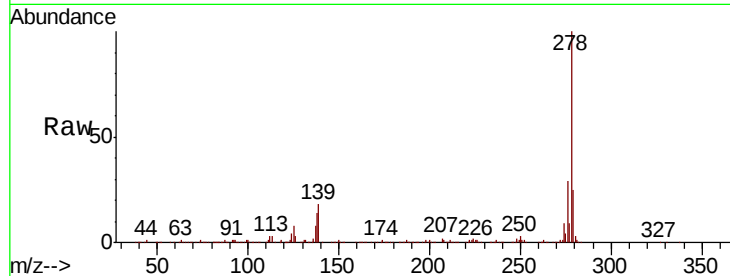
#91
Dibenzo(a,h)anthracene
Concen: 37.557 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

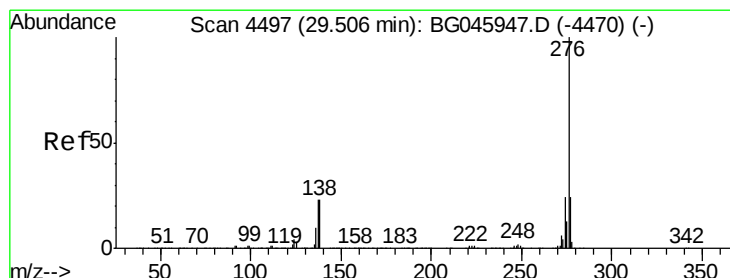
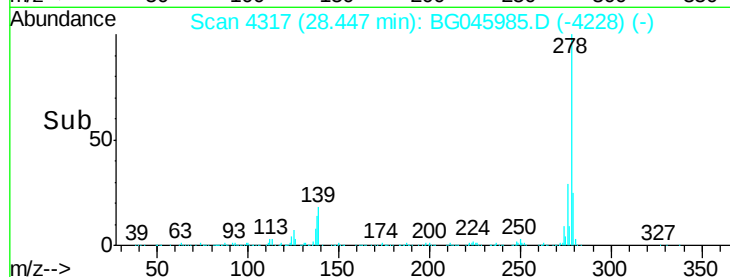
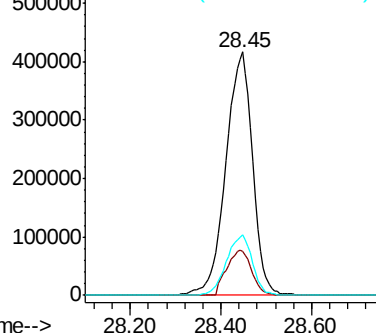
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.3	21.5
279	24.8	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/10/2020 11:45:50 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.683 ng
RT: 29.49 min Scan# 4495
Delta R.T. -0.01 min
Lab File: BG045985.D
Acq: 8 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	23.2	18.6	28.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

